Lecture Notes in Computer Science **15891**

Founding Editors

Gerhard Goos
Juris Hartmanis

Editorial Board Members

Elisa Bertino, *Purdue University, West Lafayette, IN, USA*
Wen Gao, *Peking University, Beijing, China*
Bernhard Steffen, *TU Dortmund University, Dortmund, Germany*
Moti Yung, *Columbia University, New York, NY, USA*

The series Lecture Notes in Computer Science (LNCS), including its subseries Lecture Notes in Artificial Intelligence (LNAI) and Lecture Notes in Bioinformatics (LNBI), has established itself as a medium for the publication of new developments in computer science and information technology research, teaching, and education.

LNCS enjoys close cooperation with the computer science R & D community, the series counts many renowned academics among its volume editors and paper authors, and collaborates with prestigious societies. Its mission is to serve this international community by providing an invaluable service, mainly focused on the publication of conference and workshop proceedings and postproceedings. LNCS commenced publication in 1973.

Osvaldo Gervasi · Beniamino Murgante ·
Chiara Garau · Yeliz Karaca ·
Maria Noelia Faginas Lago · Francesco Scorza ·
Ana Cristina Braga
Editors

Computational Science and Its Applications – ICCSA 2025 Workshops

Istanbul, Turkey, June 30 – July 3, 2025
Proceedings, Part VI

Springer

Editors
Osvaldo Gervasi
University of Perugia
Perugia, Italy

Chiara Garau
University of Cagliari
Cagliari, Italy

Maria Noelia Faginas Lago
University of Perugia
Perugia, Italy

Ana Cristina Braga
University of Minho
Braga, Portugal

Beniamino Murgante
University of Basilicata
Potenza, Italy

Yeliz Karaca
University of Massachusetts
Worcester, MA, USA

Francesco Scorza
University of Basilicata
Potenza, Italy

ISSN 0302-9743 ISSN 1611-3349 (electronic)
Lecture Notes in Computer Science
ISBN 978-3-031-97616-2 ISBN 978-3-031-97617-9 (eBook)
https://doi.org/10.1007/978-3-031-97617-9

© The Editor(s) (if applicable) and The Author(s), under exclusive license
to Springer Nature Switzerland AG 2026

This work is subject to copyright. All rights are solely and exclusively licensed by the Publisher, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in any other physical way, and transmission or information storage and retrieval, electronic adaptation, computer software, or by similar or dissimilar methodology now known or hereafter developed.
The use of general descriptive names, registered names, trademarks, service marks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.
The publisher, the authors and the editors are safe to assume that the advice and information in this book are believed to be true and accurate at the date of publication. Neither the publisher nor the authors or the editors give a warranty, expressed or implied, with respect to the material contained herein or for any errors or omissions that may have been made. The publisher remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

This Springer imprint is published by the registered company Springer Nature Switzerland AG
The registered company address is: Gewerbestrasse 11, 6330 Cham, Switzerland

If disposing of this product, please recycle the paper.

Preface

The compiled 14 volumes (LNCS volumes 15886–15899) consist of the peer-reviewed papers from the 68 Workshops of the 2025 International Conference on Computational Science and Its Applications (ICCSA 2025), which was held between June 30 – July 3, 2025 in Istanbul (Türkiye). The peer-reviewed papers of the main conference tracks are published in a separate set made up of three volumes (LNCS 15648–15650).

The conference was held in a hybrid form, with the large majority of participants in presence, hosted by Galatasaray University, Istanbul, Türkiye. We enabled virtual participation for those who did not attend the event in person due to logistical, political and economic problems, by adopting a technological infrastructure via open-source software (jitsi + riot) and a commercial Cloud infrastructure.

With the 2025 edition, ICCSA celebrated its 25th anniversary, a quarter of a century as a memorable moment that is harmoniously aligned with Istanbul, an extraordinary city located at the crossroads and acting as a bridge connecting Asia and Europe, representing different cultures, beliefs as well as lifestyles, which highlights its intercultural fabric.

ICCSA 2025 marked another fruitful and thought-provoking academic event in the International Conferences on Computational Science and Its Applications (ICCSA) conference series, previously held in Hanoi, Vietnam (2024), Athens, Greece (2023), Málaga, Spain (2022), Cagliari, Italy (hybrid with a few participants in presence in 2021 and completely online in 2020), whilst earlier editions took place in Saint Petersburg, Russia (2019), Melbourne, Australia (2018), Trieste, Italy (2017), Beijing, China (2016), Banff, Canada (2015), Guimaraes, Portugal (2014), Ho Chi Minh City, Vietnam (2013), Salvador, Brazil (2012), Santander, Spain (2011), Fukuoka, Japan (2010), Suwon, South Korea (2009), Perugia, Italy (2008), Kuala Lumpur, Malaysia (2007), Glasgow, UK (2006), Singapore (2005), Assisi, Italy (2004), Montreal, Canada (2003), and (as ICCS) Amsterdam, the Netherlands (2002) and San Francisco, USA (2001).

Computational Science constitutes the main pillar of most present research, industrial and commercial applications, and plays a unique role in exploiting ICT innovative technologies, and the ICCSA conference series has, accordingly, provided ample opportunities to researchers and industry practitioners to discuss new ideas, to share complex problems and their solutions, and to shape new trends in Computational Science. As the conference mirrors society from a scientific point of view, this year's undoubtedly dominant theme was large language models, machine learning and Artificial Intelligence (AI) and their applications in the most diverse technological, economic and industrial fields, amongst the others.

The ICCSA 2025 conference was structured in six general tracks covering the fields of computational science and its applications: Computational Methods, Algorithms and Scientific Applications – High Performance Computing and Networks – Geometric Modeling, Graphics and Visualization – Advanced and Emerging Applications – Information Systems and Technologies – Urban and Regional Planning. In addition, the conference

consisted of 68 workshops, focusing on topical issues of utmost importance to science, technology and society: from new computational approaches for earth science, to mathematical methods for image processing, new statistical and optimization methods, several Artificial Intelligence approaches, sustainability issues, smart cities and related technologies, to name some.

In the Workshops' proceedings, we accepted 362 full papers, 37 short papers and 2 Ph.D. Showcase papers from total of 1043 submissions (Acceptance rate 38.4%). In the Main Conference Proceedings, we accepted 71 full papers, 6 short papers and 1 Ph.D. Showcase paper from 269 submissions to the General Tracks of the Conference (with an acceptance rate of 29.9%). We would like to convey our sincere appreciation to the workshops' chairs and co-chairs and program committee members for their diligent work, commitment and dedication.

The success and consistent maintenance of the ICCSA conference series in general, and of ICCSA 2025 in particular, rely upon the support of many people: authors, presenters, participants, keynote speakers, workshop chairs, session chairs, organizing committee members, student volunteers, Program Committee members, Advisory Committee members, International Liaison chairs, reviewers and other individuals in various roles. Thus, we take this opportunity to wholehartedly thank each and everyone.

We additionally wish to thank publisher Springer for their agreement to publish the proceedings, besides sponsoring part of the best papers awards and for their kind assistance and cooperation during the editing process.

We would cordially like to invite you to refer to the ICCSA website https://iccsa.org, where you can find the relevant details regarding this academic endeavor and event of ours.

June 2025

Osvaldo Gervasi
Yeliz Karaca
Beniamino Murgante
Chiara Garau

A Welcome Message from the Organizers

The International Conference on Computational Science and Its Applications (ICCSA) reflects a culmination of meticulous and dedicated efforts and academic endeavors toward the progress of science and technology.

One of the most noteworthy aspects of ICCSA is its fostering of a collective spirit, bringing together a plethora of participants from all over the world. Correspondingly, this merging power manifests itself in the 25th anniversary of ICCSA, which is a quarter of a century, in Istanbul, Türkiye, which connects and acts as a bridge between two continents, namely Asia and Europe. This unique location in the world hosts the 25th year of ICCSA at Galatasaray University, located on Çırağan Avenue by Istanbul's Bosphorus, which is an established international university bestowed with a distinctive past of teaching tradition, research and education exceeding five centuries.

Istanbul, having served as the capital city of four empires, namely the Roman Empire (330–395), the Byzantine Empire (395–1204 and 1261–1453), the Latin Empire (1204–1261) and the Ottoman Empire (1453–1922), is an exceptional city of the Republic of Türkiye founded by Mustafa Kemal Atatürk.

Situated at a strategic location along the historic Silk Road, Istanbul is at the core of extending rail networks which span across Europe and West Asia along with the only sea route between the Black Sea and the Mediterranean.

The cultural, historical and economic pulses of the country are evident in Istanbul whose rooted origins have embraced varying beliefs, lifestyles and populace, which highlights the city's mosaic quality with blended fabric in a constant harmonious flow. This has enabled cultures to grow and be nurtured, which is profoundly rooted in its urban culture.

Computational Science constitutes the main pillar of most present research, industrial and commercial activities besides manifesting a unique role in exploiting and addressing innovative Information and Communication Technologies. Thus, the 25-year-old ICCSA conference series provides remarkable opportunities to get acquainted with leading researchers, scientists, scholars, practitioners and many more while exchanging innovative ideas and initiating new partnerships, associations and bonds.

With the hosting of Galatasaray University, I would personally and on behalf of the Local Organizing Committee, with the members Emre Alptekin, Gülfem Işıklar Alptekin, Cengiz Kahraman, Abdullah Çağrı Tolga and Ayberk Zeytin, like to convey our sincere gratitude and thanks to everyone who exerted their efforts in and contributed to the realization of ICCSA 2025. With these notes and remarks, welcome to Istanbul!

Cordially yours,

On behalf of the Local Organizing Committee.

June 2025 Yeliz Karaca

Organization

Honorary General Chairs

Bernady O. Apduhan	Kyushu Sangyo University, Japan
Kenneth C. J. Tan	Sardina Systems, UK

General Chairs

Yeliz Karaca	University of Massachusetts, USA
Osvaldo Gervasi	University of Perugia, Italy
David Taniar	Monash University, Australia

Program Committee Chairs

Beniamino Murgante	University of Basilicata, Italy
Chiara Garau	University of Cagliari, Italy
Ana Maria A. C. Rocha	University of Minho, Portugal
A. Çağrı Tolga	Galatasaray University, Turkey

International Advisory Committee

Jemal Abawajy	Deakin University, Australia
Dharma P. Agarwal	University of Cincinnati, USA
Rajkumar Buyya	Melbourne University, Australia
Claudia Bauzer Medeiros	University of Campinas, Brazil
Manfred M. Fisher	Vienna University of Economics and Business, Austria
Pierre Frankhauser	University of Franche-Comté/CNRS, France
Marina L. Gavrilova	University of Calgary, Canada
Sumi Helal	University of Florida, USA & Lancaster University, UK
Bin Jiang	University of Gävle, Sweden
Yee Leung	Chinese University of Hong Kong, China

International Liaison Chairs

Ivan Blečić	University of Cagliari, Italy
Giuseppe Borruso	University of Trieste, Italy
Elise De Donker	Western Michigan University, USA
Maria Noelia Faginas Lago	University of Perugia, Italy
Maria Irene Falcão	University of Minho, Portugal
Robert C. H. Hsu	Chung Hua University, Taiwan
Yeliz Karaca	University of Massachusetts Chan Medical School, USA
Tae-Hoon Kim	Zhejiang University of Science and Technology, China
Vladimir Korkhov	Saint Petersburg University, Russia
Takashi Naka	Kyushu Sangyo University, Japan
Rafael D. C. Santos	National Institute for Space Research, Brazil
Maribel Yasmina Santos	University of Minho, Portugal
Anastasia Stratigea	National Technical University of Athens, Greece

Workshop and Session Organizing Chairs

Beniamino Murgante	University of Basilicata, Italy
Chiara Garau	University of Cagliari, Italy

Award Chair

Wenny Rahayu	La Trobe University, Australia

Publicity Committee Chairs

Elmer Dadios	De La Salle University, Philippines
Nataliia Kulabukhova	Saint Petersburg University, Russia
Daisuke Takahashi	Tsukuba University, Japan
Shangwang Wang	Beijing University of Posts and Telecommunications, China

Local Organizing Committee Chairs

Emre Alptekin	Galatasaray University, Turkey
Gülfem Işıklar Alptekin	Galatasaray University, Turkey
Cengiz Kahraman	İstanbul Technical University, Turkey
A. Çağrı Tolga	Galatasaray University, Turkey
Ayberk Zeytin	Galatasaray University, Turkey

Technology Chair

Damiano Perri	University of Perugia, Italy

Program Committee

Vera Afreixo	University of Aveiro, Portugal
Vladimir Alarcon	Northern Gulf Institute, USA
Filipe Alvelos	University of Minho, Portugal
Debora Anelli	Polytechnic University of Bari, Italy
Hartmut Asche	Hasso-Plattner-Institut für Digital Engineering Ggmbh, Germany
Nizamettin Aydın	İstanbul Technical University, Turkey
Ginevra Balletto	University of Cagliari, Italy
Nadia Balucani	University of Perugia, Italy
Socrates Basbas	Aristotle University of Thessaloniki, Greece
David Berti	ART SpA, Italy
Michela Bertolotto	University College Dublin, Ireland
Sandro Bimonte	CEMAGREF, TSCF, France
Ana Cristina Braga	University of Minho, Portugal
Tiziana Campisi	Kore University of Enna, Italy
Yves Caniou	Université Claude Bernard Lyon 1, France
Alessandra Capolupo	Polytechnic University of Bari, Italy
José A. Cardoso e Cunha	Universidade Nova de Lisboa, Portugal
Rui Cardoso	University of Beira Interior, Portugal
Leocadio G. Casado	University of Almería, Spain
Mete Celik	Erciyes University, Turkey
Maria Cerreta	University of Naples Federico II, Italy
Ta Quang Chieu	Thuyloi University, Vietnam
Rachel Chien-Sing Lee	Sunway University, Malaysia
Birol Ciloglugil	Ege University, Turkey
Mauro Coni	University of Cagliari, Italy

Florbela Maria da Cruz Domingues Correia	Polytechnic Institute of Viana do Castelo, Portugal
Alessandro Costantini	INFN, Italy
Roberto De Lotto	University of Pavia, Italy
Luiza De Macedo Mourelle	State University of Rio De Janeiro, Brazil
Marcelo De Paiva Guimaraes	Federal University of Sao Paulo, Brazil
Frank Devai	London South Bank University, UK
Joana Matos Dias	University of Coimbra, Portugal
Aziz Dursun	Virginia Tech University, USA
Laila El Ghandour	Heriot-Watt University, UK
Rafida M. Elobaid	Canadian University Dubai, United Arab Emirates
Maria Irene Falcao	University of Minho, Portugal
Florbela P. Fernandes	Polytechnic Institute of Bragança, Portugal
Paula Odete Fernandes	Polytechnic Institute of Bragança, Portugal
Adelaide de Fátima Baptista Valente Freitas	University of Aveiro, Portugal
Valentina Franzoni	University of Perugia, Italy
Andreas Fricke	University of Potsdam, Germany
Raffaele Garrisi	Centro Operativo per la Sicurezza Cibernetica, Italy
Ivan Gerace	University of Perugia, Italy
Maria Giaoutzi	National Technical University of Athens, Greece
Salvatore Giuffrida	University of Catania, Italy
Teresa Guarda	Universidad Estatal Peninsula de Santa Elena, Ecuador
Sevin Gümgüm	Izmir University of Economics, Turkey
Malgorzata Hanzl	Technical University of Lodz, Poland
Maulana Adhinugraha Kiki	Telkom University, Indonesia
Clement Ho Cheung Leung	Chinese University of Hong Kong, China
Andrea Lombardi	University of Perugia, Italy
Marcos Mandado Alonso	University of Vigo, Spain
Ernesto Marcheggiani	Katholieke Universiteit Leuven, Belgium
Antonino Marvuglia	Luxembourg Institute of Science and Technology, Luxembourg
Michele Mastroianni	University of Salerno, Italy
Hideo Matsufuru	High Energy Accelerator Research Organization, Japan
Fernando Miranda	Universidade do Minho, Portugal
Giuseppe Modica	University of Reggio Calabria, Italy
Majaz Moonis	University of Massachusetts, USA
Nadia Nedjah	State University of Rio de Janeiro, Brazil
Paolo Nesi	University of Florence, Italy

Suzan Obaiys	University of Malaya, Malaysia
Marcin Paprzycki	Polish Academy of Sciences, Poland
Eric Pardede	La Trobe University, Australia
Ana Isabel Pereira	Polytechnic Institute of Bragança, Portugal
Damiano Perri	University of Perugia, Italy
Massimiliano Petri	University of Pisa, Italy
Telmo Pinto	University of Coimbra, Portugal
Alessandro Plaisant	University of Sassari, Italy
Maurizio Pollino	ENEA, Italy
Alenka Poplin	Iowa State University, USA
Marcos Quiles	Federal University of São Paulo, Brazil
Nguyen Huu Quynh	Thuyloi University, Vietnam
Albert Rimola	Universitat Autònoma de Barcelona, Spain
Humberto Rocha	University of Coimbra, Portugal
Marzio Rosi	University of Perugia, Italy
Lucia Saganeiti	University of L'Aquila, Italy
Francesco Scorza	University of Basilicata, Italy
Marco Paulo Seabra dos Reis	University of Coimbra, Portugal
Jie Shen	University of Michigan, USA
Francesco Tajani	Sapienza University of Rome, Italy
Rodrigo Tapia Mcclung	Centro de Investigación en Ciencias de Información Geoespacial, Mexico
Eufemia Tarantino	Polytechnic University of Bari, Italy
Sergio Tasso	University of Perugia, Italy
Ana Paula Teixeira	Universidade do Minho, Portugal
Yiota Theodora	National Technical University of Athens, Greece
Giuseppe A. Trunfio	University of Sassari, Italy
Toshihiro Uchibayashi	Kyushu University, Japan
Marco Vizzari	University of Perugia, Italy
Frank Westad	Norwegian University of Science and Technology, Norway
Fukuko Yuasa	High Energy Accelerator Research Organization, Japan
Ljiljana Zivkovic	Republic Geodetic Authority, Serbia

Workshops

Workshop on Advancements in Applied Machine-Learning and Data Analytics (AAMDA 2025)

Workshop Organizers

Alessandro Costantini	INFN, Italy
Daniele Cesini	INFN, Italy
Elisabetta Ronchieri	INFN, Italy
Barbara Martelli	INFN, Italy

Workshop Program Committee Members

Alessandro Costantini	Istituto Nazionale di Fisica Nucleare (INFN), Italy
Daniele Cesini	Istituto Nazionale di Fisica Nucleare (INFN), Italy
Elisabetta Ronchieri	Istituto Nazionale di Fisica Nucleare (INFN), Italy
Barbara Martelli	Istituto Nazionale di Fisica Nucleare (INFN), Italy
Luca Dell'Agnello	Istituto Nazionale di Fisica Nucleare (INFN), Italy

Advanced and Innovative Web Apps 2025 (AIWA 2025)

Workshop Organizers

Damiano Perri	University of Perugia, Italy
Osvaldo Gervasi	University of Perugia, Italy
Stelios Kouzeleas	International Hellenic University, Greece
Sergio Tasso	University of Perugia, Italy

Workshop Program Committee Members

David Berti	ART SpA, Italy
JungYoon Kim	Gachon University, South Korea
TaiHoon Kim	Zhejiang University of Science and Technology, China

Advanced Processes of Mathematics and Computing Models in Complex Data-Intensive Computational Systems (AMCM 2025)

Workshop Organizers

Yeliz Karaca	University of Massachusetts Chan Medical School and Massachusetts Institute of Technology, USA
Dumitru Baleanu	Lebanese American University, Lebanon
Osvaldo Gervasi	University of Perugia, Italy
Yudong Zhang	University of Leicester, UK
Majaz Moonis	University of Massachusetts Chan Medical School and Massachusetts Institute of Technology, USA

Workshop Program Committee Members

TaeHoon Kim	Zhejiang University of Science and Technology, China
Martin Bohner	Missouri University of Science and Technology, USA
Shuihua Wang	University of Leicester, UK
Khan Muhammad	Sungkyunkwan University, South Korea
Mahmoud Abdel-Aty	Sohag University, Egypt
Aziz Dursun	Virginia Polytechnic Institute and State University, USA
Kemal Güven Gülen	Namık Kemal University, Turkey
Akif Akgül	Hitit Üniversitesi, Turkey

Advanced Numerical Approaches for Assessment and Design of No-Tension Masonry Structures (ANAMS 2025)

Workshop Organizers

Antonino Iannuzzo	Universitá degli studi del Sannio, Italy
Carlo Olivieri	Universitá Telematica Pegaso, Italy
Andrea Montanino	CIMNE, Spain
Elham Mousavian	University of Edinburgh, UK

Workshop Program Committee Members

Pietro Meriggi	Roma Tre University, Italy
Francesca Perelli	University of Naples Federico II, Italy
Marialuigia Sangirardi	University of Oxford, UK
Sam Cocking	University of Cambridge, UK

Matteo Salvalaggio	University of Minho, Portugal
Vittorio Paris	University of Bergamo, Italy
Luigi Sibille	Norwegian University of Science and Technology, Norway
Natalia Pingaro	Politecnico di Milano, Italy
Martina Buzzetti	Politecnico di Milano, Italy
Generoso Vaiano	Pegaso Telematic University, Italy
Alessandra Capolupo	Politecnico di Bari, Italy
Amal Gerges	Università degli Studi di Cagliari, Italy
Fabian Orozco	National Autonomous University of Mexico, Mexico
Nathanael Savalle	Polytech Clermont and Université Clermont Auvergne, France
Luca Umberto Argiento	University of Naples Federico II, Italy
Bartolomeo Pantó	Durham University, UK

Unveiling the Synergies Between Air Quality and Climate PlAnning (AQCliPA 2025)

Workshop Organizers

Angela Pilogallo	University of L'Aquila, Italy
Luigi Santopietro	University of Basilicata, Italy
Filomena Pietrapertosa	IMAA CNR, Italy
Monica Salvia	IMAA CNR, Italy
Carlo Trozzi	IMAA CNR, Italy
Valeria Scapini	Central University of Chile, Chile

Workshop Program Committee Members

Lucia Saganeiti	IMAA-CNR, Italy
Lorena Fiorini	University of L'Aquila, Italy
Antonio Mazza	IMAA-CNR, Italy
Gabriele Nolè	IMAA-CNR, Italy
Carmen Guida	University of Naples "Federico II", Italy
Floriana Zucaro	University of Naples "Federico II", Italy
Sabrina Lai	University of Cagliari, Italy
Chiara Garau	University of Cagliari, Italy

Advancements in Spatial assessment of Socio-Ecological SystemS (ASSESS 2025)

Workshop Organizers

Daniele Cannatella	TU Delft, The Netherlands
Giuliano Poli	University of Naples Federico II, Italy
Eugenio Muccio	TU Delft, The Netherlands
Claudiu Forgaci	TU Delft, The Netherlands

Workshop Program Committee Members

Daniele Cannatella	TU Delft, The Netherlands
Giuliano Poli	University of Naples Federico II, Italy
Eugenio Muccio	University of Naples Federico II, Italy
Claudiu Forgaci	TU Delft, The Netherlands
Maria Cerreta	University of Naples Federico II, Italy
Maria Somma	University of Naples Federico II, Italy
Laura Di Tommaso	University of Naples Federico II, Italy
Sabrina Sacco	Politecnico di Milano, Italy
Piero Zizzania	University of Naples Federico II, Italy
Gaia Daldanise	CNR IRISS, Italy
Benedetta Grieco	University of Naples Federico II, Italy
Giuseppe Ciciriello	University of Naples Federico II, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Francesco Piras	University of Cagliari, Italy
Diana Rolando	Politecnico di Torino, Italy
Stefano Cuntò	University of Naples Federico II, Italy
Ludovica La Rocca	University of Naples Federico II, Italy

Blockchain and Distributed Ledgers: Technologies and Applications (BDLTA 2025)

Workshop Organizers

Vladimir Korkhov	Saint Petersburg State University, Russia
Elena Stankova	Saint Petersburg State University, Russia
Nataliia Kulabukhova	Saint Petersburg State University, Russia

Workshop Program Committee Members

Adam Belloum	University of Amsterdam, the Netherlands
Dmitrii Vasiunin	Deutsche Telekom Cloud Services E.P.E., Greece
Serob Balyan	Osensus Arm LLC, Armenia
Suren Abrahamyan	Osensus Arm LLC, Armenia
Ashot Sergey Gevorkyan	NAS of Armenia, Armenia

Michal Hnatic	Univerzita Pavla Jozefa Šafárika v Košiciach, Slovakia
Michail Panteleyev	Saint Petersburg Electrotecnical University, Russia
Martin Vala	Univerzita Pavla Jozefa Šafárika v Košiciach, Slovakia
Nodir Zaynalov	Tashkent University of Information Technologies named after Muhammad al Khwarizmi, Uzbekistan
Michail Panteleyev	Saint Petersburg Electrotecnical University, Russia
Alexander Degtyarev	Saint Petersburg University, Russia
Alexander Bogdanov	St. Petersburg State University, Russia

Bio and Neuro Inspired Computing and Applications (BIONCA 2025)

Workshop Organizers

Nadia Nedjah	State University of Rio de Janeiro, Brazil
Luiza de Macedo Mourelle	State University of Rio de Janeiro, Brazil

Workshop Program Committee Members

Nadia Nedjha	State University of Rio de Janeiro, Brazil
Luiza de Macedo Mourelle	State University of Rio de Janeiro, Brazil
Luigi Maciel Ribeiro	State University of Rio de Janeiro, Brazil
Joelmir Ramos	Federal University of Rio de Janeiro, Brazil
Rogério Moraes	Brazilian Navy, Brazil
Marcos Santana Farias	Institute of Nuclear Energy, Brazil
Luneque Silva Jr.	Federal University of ABC, Brazil
Alan Oliveira	University of Lisboa, Portugal
Brij Bhooshan Gupta	Asia University, Taiwan

Computational and Applied Mathematics (CAM 2025)

Workshop Organizers

Maria Irene Falcão	University of Minho, Portugal
Fernando Miranda	University of Minho, Portugal

Workshop Program Committee Members

Fernando Miranda	University of Minho, Portugal
Graça Tomaz	Polytechnic of Guarda, Portugal
Helmuth Malonek	University of Aveiro, Portugal

Isabel Cacao	University of Aveiro, Portugal
João Morais	Autonomous Technological Institute of Mexico, Mexico
Lidia Aceto	University of Eastern Piedmont, Italy
Luís Ferrás	University of Porto, Portugal
M. Irene Falcão	University of Minho, Portugal
Patrícia Beites	University of Beira Interior, Portugal
Paulo Amorim	FGV EMAp, Brazil
Regina de Almeida	University of Trás-os-Montes e Alto Douro, Portugal
Ricardo Severino	University of Minho, Portugal

Computational and Applied Statistics (CAS 2025)

Workshop Organizer

Ana Cristina Braga	ALGORITMI Research Centre, LASI, University of Minho, Portugal

Workshop Program Committee Members

Adelaide Freitas	University of Aveiro, Portugal
Andreas Futschik	Johannes Kepler University Linz, Austria
Ana Cristina Braga	University of Minho, Portugal
Ângela Silva	University of Minho, Portugal
Arminda Manuela Gonçalves	University of Minho, Portugal
Carina Silva	Polytechnic Intitute of Lisbon, Portugal
Elisete Correia	University of Trás-os-Montes e Alto Douro, Portugal
Frank Westad	Norwegian University of Science and Technology, Norway
Isabel Natario	New University of Lisbon, Portugal
Irene Oliveira	University of Trás-os-Montes e Alto Douro, Portugal
Ivan Rodriguez Conde	University of Vigo, Spain
Joaquim Gonçalves	Instituto Politécnico do Cávado e do Ave, Portugal
Lino Costa	University of Minho, Portugal
Marco Reis	University of Coimbra, Portugal
Maria Filipa Mourão	Polytechnic Institute of Viana do Castelo, Portugal
Maria João Polidoro	Polytechnic Institute of Porto, Portugal
Martin Perez Perez	University of Vigo, Spain
Michal Abrahamowicz	McGill University, Canada
Vera Afreixo	University of Aveiro, Portugal

Werner G. Müller	Johannes Kepler University Linz, Austria
Bruna Silva Ramos	University Lusiada de Famalicão, Portugal
Inês Sousa	University of Minho, Portugal
Luís Miguel Rocha Matos	University of Minho, Portugal
Manuel Carlos Figueiredo	University of Minho, Portugal

Cyber Intelligence and Applications (CIA 2025)

Workshop Organizer

Gianni D'Angelo	University of Salerno, Italy

Workshop Program Committee Members

Gianni D'Angelo	University of Salerno, Italy
Francesco Palmieri	University of Salerno, Italy
Massimo Ficco	University of Salerno, Italy
Arcangelo Castiglione	University of Salerno, Italy

Computational Methods for Business Analytics (CMBA 2025)

Workshop Organizers

Cláudio Alves	Universidade do Minho, Portugal
Telmo Pinto	Universidade do Minho, Portugal

Workshop Program Committee Members

Abdulrahim Shamayleh	American University of Sharjah, United Arab Emirates
Ana Rocha	University of Minho, Portugal
Angelo Sifaleras	University of Macedonia, Greece
Cristóvão Silva	University of Coimbra, Portugal
José Valério de Carvalho	University of Minho, Portugal
Miguel Vieira	Universidade Lusófona, Portugal
Rita Macedo	Université de Lille, France
Ana Moura	Universidade de Aveiro, Portugal
Cristina Lopes	ISCAP, Portugal
Eliana Costa e Silva	Instituto Politécnico do Porto, Portugal

Computational Methods, Statistics and Industrial Mathematics (CMSIM 2025)

Workshop Organizers

Maria Filomena Teodoro	IST ID, Instituto Superior Técnico, Portugal
Marina Alexandra Pedro Andrade	ISCTE – Lisbon University Institute, Portugal
Paula Simões	University of Lisbon, Portugal
Teresa A. Oliveira	IST ID, Instituto Superior Técnico, Portugal

Workshop Program Committee Members

Amilcar Oliveira	Universidade Aberta and Universidade de Lisboa, Portugal
Victor Lobo	Escola Naval and NOVA IMS Almada, Portugal
António Pacheco	IST Universidade de Lisboa, Portugal
Eliana Costa	Escola Superior de Tecnologia e Gestão IPPorto, Portugal
Aldina Correia	Escola Superior de Tecnologia e Gestão IPPorto, Portugal
Fernando Carapau	University of Évora, Portugal
Ricardo Moura	Portuguese Naval Academy, Portugal
Ana Borges	Escola Superior de Tecnologia e Gestão IPPorto, Portugal
Cristina Lopes	ISCAP IPPorto, Portugal
Fernanda Costa	University of Minho, Portugal
Cabrita Carlos	IPBeja, Portugal
Maria Luísa Morgado	University of Trás os Montes e Alto Douro and University of Lisboa, Portugal
Rosário Ramos	Universidade Aberta, Portugal
Sofia Rézio	Iscal, Instituto Politécnico de Lisboa, Portugal
Matteo Sacchet	University of Turin, Italy
Marina Marchisio Conte	University of Turin, Italy
António Seijas-Macias	University of Coruña, Spain
Luís F. A. Teodoro	University of Glasgow, UK and University of Oslo, Norway
Christos Kitsos	University of West Attica, Greece
M. Filomena Teodoro	Universidade de Lisboa, Portugal
Marina A. P. Andrade	Instituto Universitário de Lisboa, Portugal
Paula Simões	Military Academy and Universidade Nova de Lisboa, Portugal
Teresa Oliveira	Universidade Aberta and Universidade de Lisboa, Portugal

Computational Optimization and Applications (COA 2025)

Workshop Organizers

Ana Rocha	ALGORITMI Research Centre, LASI, University of Minho, Portugal, Portugal
Humberto Rocha	ALGORITMI Research Centre, LASI, University of Minho, Portugal, Portugal

Workshop Program Committee Members

Florbela Fernandes	Polytechnic Institute of Bragança, Portugal
Clara Vaz	Polytechnic Institute of Bragança, Portugal
Ana Pereira	Polytechnic Institute of Bragança, Portugal
Filipe Alvelos	University of Minho, Portugal
Joana Dias	University of Coimbra, Portugal
Eligius M. T. Hendrix	University of Málaga, Spain
Emerson José de Paiva	Federal University of Itajubá, Brazil
Ana Paula Teixeira	University of Trás-os-Montes and Alto Douro, Portugal
Lino Costa	Universidade do Minho, Portugal

Coastal Cities Versus Inland Areas. Hypotheses for Sustainable Regeneration Through Ecosystem Services of 'Hooking' and Rehabilitation of Brownfield Sites (CoastalCities_VS_InlandAreas 2025)

Workshop Organizers

Celestina Fazia	Università di Enna Kore, Italy
Angrilli Massimo	University of Chieti-Pescara, Italy
Valentina Ciuffreda	University of Chieti-Pescara, Italy
Maurizio Oddo	Università di Enna Kore, Italy
Marcello Sestito	Università di Enna Kore, Italy
Clara Stella Vicari Aversa	University of Reggio Calabria, Italy

Workshop Program Committee Members

Alessandro Camiz	Università d'Annunzio, Italy
Thowayeb Hassan	King Faisal University, Saudi Arabia
Alessandro Barracco	Università Kore di Enna, Italy
Mario Morrica	University of Urbino, Italy
Mariana Ratiu	University of Oradea, Romania
Alanda Akamana	Mohammed VI Polytechnic University, Morocco
Kaoutare Amini Alaoui	Mohammed VI Polytechnic University, Morocco

Computational Astrochemistry 2025 (CompAstro 2025)

Workshop Organizers

Marzio Rosi	University of Perugia, Italy
Daniela Ascenzi	University of Trento, Italy
Nadia Balucani	University of Perugia, Italy
Stefano Falcinelli	University of Perugia, Italy

Workshop Program Committee Members

Dario Campisi	Università degli Studi di Perugia, Italy
Giacomo Giorgi	Università degli Studi di Perugia, Italy
Andrea Giustini	Università degli Studi di Perugia, Italy
Luca Mancini	Università degli Studi di Perugia, Italy
Albert Rimola	Universitat Autònoma de Barcelona, Spain
Gianmarco Vanuzzo	Università degli Studi di Perugia, Italy
Dimitrios Skouteris	Master-Tec, Italy
Piero Ugliengo	Università degli Studi di Torino, Italy
Franco Vecchiocattivi	Università degli Sudi di Perugia, Italy
Giacomo Pannacci	Università degli Studi di Perugia, Italy
Costanza Borghesi	Università degli Studi di Perugia, Italy
Marco Parriani	Università degli Studi di Perugia, Italy
Marta Loletti	Università degli Studi di Perugia, Italy
Fernando Pirani	Università degli Studi di Perugia, Italy
Andrea Lombardi	Università degli Studi di Perugia, Italy
Noelia Faginas Lago	Università degli Studi di Perugia, Italy
Paolo Tosi	Università di Trento, Italy
Cecilia Coletti	Università degli Studi Chieti-Pescara, Italy
Nazzareno Re	Università degli Studi Chieti-Pescara, Italy
Linda Podio	Osservatorio Astrofisico di Arcetri INAF, Italy
Claudio Codella	Osservatorio Astrofisico di Arcetri INAF, Italy
Gabriella Di Genova	Università degli Studi di Perugia, Italy

Computational Methods for Porous Geomaterials (CompPor 2025)

Workshop Organizers

Vadim Lisitsa	IPGG SB RAS, Russia
Evgeniy Romenski	IPGG SB RAS, Russia

Workshop Program Committee Members

Vadim Lisitsa	Institute of Petroleum Geology and Geophysics SB RAS, Russia
Evgeniy Romenski	Sobolev Institute of Mathematics SB RAS, Russia
Vladimir Cheverda	Sobolev Institute of Mathematics SB RAS, Russia
Tatyana Khachkova	IPGG SB RAS, Russia
Dmitry Prokhorov	IPGG SB RAS, Russia
Mikhail Novikov	Sobolev Institute of Mathematics SB RAS, Russia
Sergey Solovyev	Sobolev Institute of Mathematics SB RAS, Russia
Kirill Gadylshin	LLC RNBashNIPIneft, Russia
Olga Stoyanovskaya	Lavrentev Institute of Hydrodynamics SB RAS, Russia
Yerlan Amanbek	Nazarbaev University, Kazakstan

Workshop on Computational Science and HPC (CSHPC 2025)

Workshop Organizers

Elise de Doncker	Western Michigan University, USA
Hideo Matsufuru	High Energy Accelerator Research Organization, Japan

Workshop Program Committee Members

Elise de Doncker	Western Michigan University, USA
Hideo Matsufuru	High Energy Accelerator Research Organization (KEK), Japan
Fukuko Yuasa	KEK, Japan
Issaku Kanamori	RIKEN, Japan
Hiroshi Daisaka	Hitotsubashi University, Japan
Norikazu Yamada	KEK, Japan
Naohito Nakasato	University of Aizu, Japan
Robert Makin	Western Michigan University, USA

Cities, Technologies and Planning 2025 (CTP 2025)

Workshop Organizers

Giuseppe Borruso	University of Trieste, Italy
Beniamino Murgante	University of Basilicata, Italy
Malgorzata Hanzl	Lodz University of Technology, Poland
Anastasia Stratigea	National Technical University of Athens, Greece
Ljiljana Zivkovic	Republic Geodetic Authority, Serbia
Ginevra Balletto	University of Trieste, Italy

Workshop Program Committee Members

Giuseppe Borruso	University of Trieste, Italy
Beniamino Murgante	University of Basilicata, Italy
Malgorzata Hanzl	Lodz University of Technology, Poland
Anastasia Stratigea	National Technical University of Athens, Greece
Ljiljiana Zivkovic	Republic Geodetic Authority of Serbia, Serbia
Ginevra Balletto	University of Cagliari, Italy
Silvia Battino	University of Sassari, Italy
Mara Ladu	University of Cagliari, Italy
Maria del Mar Munoz Leonisio	University of Cádiz, Spain
Ahinoa Amaro Garcia	University of Las Palmas of Gran Canaria, Spain
Maria Attard	University of Malta, Malta
Enrico D'agostini	World Maritime University, Sweden
Francesca Krasna	University of Trieste, Italy
Brisol Garcia Garcia	Polytechnic University of Quintana Roo, Mexico
Tu Anh Trinh	UEH University, Vietnam
Giovanni Mauro	Università degli Studi della Campania, Italy
Maria Ronza	University of Naples Federico II, Italy
Massimiliano Bencardino	University of Salerno, Italy
Tomasz Bradecki	Silesian University of Technology, Poland
Dorota Kamrowska-Załuska	Gdańsk University of Technology, Poland
Iwona Jażdżewska	University of Lodz, Poland
Yiota Theodora	National Technical University of Athens, Greece
Apostolos Lagarias	University of Thessaly, Greece
George Tsilimigkas	University of the Aegean, Greece
Akrivi Leka	National Technical University of Athens, Greece
Maria Panagiotopoulou	National Technical University of Athens, Greece
Andrea Gallo	Ca' Foscari University of Venice, Italy
Francesca Sinatra	University of Trieste, Italy

Digital Transition: Effects on Housing Mobility, Market, Land Governance (DIGITRANS 2025)

Workshop Organizers

Fabrizio Battisti	University of Florence, Italy
Fabiana Forte	University of Campania, Italy
Orazio Campo	Sapienza University of Rome, Italy
Alessio Pino	Kore University of Enna, Italy
Carlo Pisano	University of Florence, Italy
Mariolina Grasso	Kore University of Enna, Italy

Workshop Program Committee Members

Fabrizio Battisti	University of Florence, Italy
Fabiana Forte	Università della Campania Luigi Vanvitelli, Italy
Orazio Campo	University of Rome "La Sapienza", Italy
Alessio Pino	Kore University of Enna, Italy
Carlo Pisano	University of Florence, Italy
Mariolina Grasso	Università Kore di Enna, Italy

Evaluating Inner Areas Potentials (EIAP 2025)

Workshop Organizers

Diana Rolando	Politecnico di Torino, Italy
Alice Barreca	Politecnico di Torino, Italy
Manuela Rebaudengo	Politecnico di Torino, Italy
Giorgia Malavasi	Politecnico di Torino, Italy

Workshop Program Committee Members

John Accordino	Virginia Commonwealth University, USA
Francesco Bruzzone	Università Iuav di Venezia, Italy
Maria Cerreta	Università degli Studi di Napoli Federico II, Italy
Maddalena Chimisso	Università degli Studi del Molise, Italy
Chiara Chioni	Università degli Studi di Trento, Italy
Annalisa Contato	Università degli Studi di Palermo, Italy
Cristina Coscia	Politecnico di Torino, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Benedetta Di Leo	Università Politecnica delle Marche, Italy
Sara Favargiotti	Università degli Studi di Trento, Italy
Maddalena Ferretti	Università Politecnica delle Marche, Italy
Salvo Giuffrida	Università degli Studi di Palermo, Italy
Barbara Lino	Università degli Studi di Palermo, Italy
Umberto Mecca	Politecnico di Torino, Italy
Beatrice Mecca	Politecnico di Torino, Italy
Giuliano Poli	Università degli Studi di Napoli Federico II, Italy
Marco Rossitti	Politecnico di Milano, Italy
Alexandra Stankulova	Politecnico di Torino, Italy
Elena Todella	Politecnico di Torino, Italy
Asja Aulisio	Politecnico di Torino, Italy
Giulia Datola	Politecnico di Milano, Italy

Francesco Calabrò	Università degli Studi Mediterranea di Reggio Calabria, Italy
Valeria Saiu	Università degli Studi di Cagliari, Italy
Maria Rosa Trovato	Università di Catania, Italy

Econometric and Multidimensional Evaluation in Urban Environment (EMEUE 2025)

Workshop Organizers

Maria Cerreta	University of Naples Federico II, Italy
Carmelo Maria Torre	Polytechnic University of Bari, Italy
Pierluigi Morano	Polytechnic University of Bari, Italy
Simona Panaro	University of Naples Federico II, Italy
Felicia Di Liddo	University of Naples Federico II, Italy
Debora Anelli	University of Naples Federico II, Italy

Workshop Program Committee Members

Carmelo Maria Torre	Polytechnic University of Bari, Italy
Maria Cerreta	University of Naples Federico II, Italy
Pierluigi Morano	Polytechnic University of Bari, Italy
Francesco Tajani	Sapienza University of Rome, Italy
Simona Panaro	University of Naples Federico II, Italy
Felicia di Liddo	Polytechnic University of Bari, Italy
Debora Anelli	Sapienza University of Rome, Italy
Giuliano Poli	University of Naples Federico II, Italy
Maria Somma	University of Naples Federico II, Italy
Simona Panaro	University of Campania Luigi Vanvitelli, Italy
Laura Di Tommaso	University of Naples Federico II, Italy
Caterina Loffredo	University of Naples Federico II, Italy
Ludovica La Rocca	University of Naples Federico II, Italy
Sabrina Sacco	Politecnico di Milano, Italy
Piero Zizzania	University of Naples Federico II, Italy
Gaia Daldanise	CNR IRISS, Italy
Benedetta Grieco	University of Naples Federico II, Italy
Giuseppe Ciciriello	University of Naples Federico II, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Daniele Cannatella	TU Delft University, The Netherlands
Eugenio Muccio	University of Naples Federico II, Italy
Sveva Ventre	University of Naples Federico II, Italy

Governance of Energy Transition: Environmental, Landscape, Social and Spatial Planning (ENERGY_PLANNING 2025)

Workshop Organizers

Mara Ladu	University of Cagliari, Italy
Ginevra Balletto	University of Cagliari, Italy
Emilio Ghiani	University of Cagliari, Italy
Alessandra Marra	University of Salerno, Italy
Roberto De Lotto	University of Pavia, Italy
Balázs Kulcsár	Chalmers University of Technology, Sweden

Workshop Program Committee Members

Riccardo Trevisan	University of Cagliari, Italy
Marco Naseddu	University of Cagliari, Italy
Giuseppe Borruso	University of Trieste, Italy
Andrea Gallo	University of Trieste, Italy
Francesca Sinatra	University of Trieste, Italy
Maria Attard	University of Malta, Malta
Tu Anh Trinh	UEH University Ho Chi Minh City, Vietnam
Marcello Tadini	University of Eastern Piedmont, Italy
Luigi Mundula	University for Foreigners of Perugia, Italy
Silvia Battino	University of Sassari, Italy
Maria del Mar Munoz Leonisio	University of Cádiz, Spain
Anna Richiedei	University of Brescia, Italy
Michele Pezzagno	University of Brescia, Italy
Federico Mertellozzo	University of Firenze, Italy
Marco Mazzarino	IUAV University Venice, Italy

Ecosystem Services in Spatial Planning for Climate Neutral Urban and Rural Areas (ESSP 2025)

Workshop Organizers

Sabrina Lai	University of Cagliari, Italy
Francesco Scorza	University of Basilicata, Italy
Corrado Zoppi	University of Cagliari, Italy
Beniamino Murgante	University of Basilicata, Italy
Carmela Gargiulo	University of Naples Federico II, Italy
Floriana Zucaro	University of Naples Federico II, Italy

Workshop Program Committee Members

Alfonso Annunziata	University of Basilicata, Italy
Ginevra Balletto	University of Cagliari, Italy
Ivan Blečić	University of Cagliari, Italy
Giuseppe Borruso	University of Trieste, Italy
Barbara Caselli	University of Parma, Italy
Maria Cerreta	University of Naples Federico II, Italy
Chiara Garau	University of Cagliari, Italy
Carmen Guida	University of Naples Federico II, Italy
Federica Isola	University of Cagliari, Italy
Francesca Leccis	University of Cagliari, Italy
Federica Leone	University of Cagliari, Italy
Silvia Rossetti	University of Parma, Italy
Luigi Santopietro	University of Basilicata, Italy
Carmelo Torre	Polytechnic of Bari, Italy

The 15th International Workshop on Future Information System Technologies and Applications (FiSTA 2025)

Workshop Organizers

Bernady O. Apduhan	Kyushu Sangyo University, Japan
Rafael Santos	Brazilian National Institute for Space Research, Brazil

Workshop Program Committee Members

Agustinus Borgy Waluyo	Monash University, Australia
Andre Ricardo Abed Grégio	Federal University of Paraná, Brazil
Eric Pardede	La Trobe University, Australia
Kai Cheng	Kyushu Sangyo University, Japan
Ching-Hsien Hsu	Asia University, Taiwan
Fenghui Yao	Tennessee State University, USA
Yusuke Gotoh	Okayama University, Japan
Alvaro Fazenda	Federal University of São Paulo, Brazil
Kazuaki Tanaka	Kyushu Institute of Technology, Japan
Tengku Adil	MARA Technological University, Malaysia
Toshihiro Yamauchi	Okayama University, Japan
Yasuaki Sumida	Kyushu Sangyo University, Japan
Earl Ryan Aleluya	MSU-Iligan Institute of Technology, Philippines
Cherry Mae G. Villame	MSU-Iligan Institute of Technology, Philippines
Anton Louise De Ocampo	Batangas State University, Philippines
Krishnamoorthy Ranganthan	Chennai Institute of Technology, India

Flow Management in Urban Contexts (FMUC 2025)

Workshop Organizers

Alessio Pino	Kore University of Enna, Italy
Giovanna Acampa	Kore University of Enna, Italy

Workshop Program Committee Members

Giovanna Acampa	University of Florence, Italy
Alessio Pino	Kore University of Enna, Italy
Mariolina Grasso	Università Kore di Enna, Italy
Fabrizio Battisti	University of Florence, Italy
Fabrizio Finucci	Roma Tre University, Italy
Antonella G. Masanotti	Roma Tre University, Italy
Daniele Mazzoni	Roma Tre University, Italy

Geographical Analysis, Urban Modeling, Spatial Statistics 2025 (Geog-And-Mod 2025)

Workshop Organizers

Beniamino Murgante	University of Basilicata, Italy
Giuseppe Borruso	University of Trieste, Italy
Hartmut Asche	University of Potsdam, Germany
Rodrigo Tapia McClung	CentroGeo, Mexico
Andreas Fricke	University of Potsdam, Germany

Workshop Program Committee Members

Giuseppe Borruso	University of Trieste, Italy
Beniamino Murgante	University of Basilicata, Italy
Hartmut Asche	University of Potsdam, Germany
Rodrigo Tapia-McClung	Centro de Investigación en Ciencias de Información Geoespacial (CentroGeo), Mexico
Andreas Fricke	University of Potsdam, Germany
Malgorzata Hanzl	Lodz University of Technology, Poland
Anastasia Stratigea	National Technical University of Athens, Greece
Ljiljiana Zivkovic	Republic Geodetic Authority of Serbia, Serbia
Ginevra Balletto	University of Cagliari, Italy
Silvia Battino	University of Sassari, Italy
Mara Ladu	University of Cagliari, Italy
Maria del Mar Munoz Leonisio	University of Cádiz, Spain
Ahinoa Amaro Garcia	University of Las Palmas of Gran Canaria, Spain
Maria Attard	University of Malta, Malta

Enrico D'agostini	World Maritime University, Sweden
Francesca Krasna	University of Trieste, Italy
Brisol García García	Polytechnic University of Quintana Roo, Mexico
Tu Anh Trinh	UEH University, Vietnam
Giovanni Mauro	Università degli Studi della Campania, Italy
Maria Ronza	University of Naples Federico II, Italy
Massimiliano Bencardino	University of Salerno, Italy
Andrea Gallo	Ca' Foscari University of Venice, Italy
Francesca Sinatra	University of Trieste, Italy
Salvatore Dore	University of Trieste, Italy

Geogames for Sustainable Development (Geogames 2025)

Workshop Organizer

Alenka Poplin	Iowa State University, USA

Workshop Program Committee Members

Alenka Poplin	Iowa State University, USA
Bruno Amaral de Andrade	Portucalense University, Portugal
Brian Tomaszewski	Rochester Institute of Technology, USA
Deepak Marhatta	Tribhuvan University, Nepal
Alessandro Plaisant	University of Sassari, Italy
David Schwartz	Rochester Institute of Technology, USA
Silvia Rossetti	University of Parma, Italy
Floriana Zucaro	University of Naples Federico II, Italy
Alfonso Annunziata	University of Basilicata, Italy
Reza Askarizad	University of Cagliari, Italy
Chiara Garau	University of Cagliari, Italy
Tanja Congiu	University of Sassari, Italy

Geomatics for Resource Monitoring and Management (GRMM 2025)

Workshop Organizers

Alberico Sonnessa	Politecnico di Bari, Italy
Eufemia Tarantino	Politecnico di Bari, Italy
Alessandra Capolupo	Politecnico di Bari, Italy

Workshop Program Committee Members

Umberto Fratino	Politecnico di Bari, Italy
Valeria Monno	Politecnico di Bari, Italy

Antonino Maltese	Università degli studi di Palermo, Italy
Athos Agapiou	Cyprus University of Technology, Cyprus
Michele Mangiameli	Università di Catania, Italy
Angela Gorgoglione	Universidad de la República de Uruguay, Uruguay
Roberta Ravanelli	University of Liège, Belgium
Ester Scotto di Perta	Università degli studi di Napoli Federico II, Italy
Giacomo Caporusso	CNR, Italy
Andrea Montanino	International Centre for Numerical Methods in Engineering of Barcelona, Spain
Antonino Iannuzzo	Università degli studi del Sannio, Italy
Alessandro Pagano	Politecnico di Bari, Italy
Francesco Di Capua	Università degli Studi della Basilicata, Italy
Albertini Cinzia	CNR-IREA, Italy
Alessandra Saponieri	Università degli studi del Salento, Italy
PierFrancesco Recchi	Università degli studi di Napoli Federico II, Italy
Vincenzo Totaro	Politecnico di Bari, Italy
Stefania Santoro	CNR Water Research Institute, Italy
Francesco Bimbo	University of Foggia, Italy
Cristina Proietti	Istituto Nazionale di Geofisica e Vulcanologia, Italy
Carla Cavallo	University of Salerno, Italy
Gaetano Falcone	Università degli Studi di Napoli Federico II, Italy
Valeria Belloni	Sapienza University of Rome, Italy
Alessandra Mascitelli	University of Chieti-Pescara, Italy

HERitage and CLIMAte neutrality. Resilient approach for nature centered/based sustainable cities (HERCLIMA 2025)

Workshop Organizers

Celestina Fazia	Università di Enna Kore, Italy
Angrilli Massimo	University of Chieti-Pescara, Italy
Clara Stella Vicari Aversa	University of Reggio Calabria, Italy
Dorina Camelia Ilies	University of Oradea, Romania
Mariana Ratiu	University of Oradea, Romania

Workshop Program Committee Members

Alessandro Camiz	Università d'Annunzio, Italy
Mario Morrica	University of Urbino, Italy
Thowayeb Hassan	King Faisal University, Saudi Arabia
Alessandro Barracco	Università Kore di Enna, Italy
Kaoutare Amini Alaoui	Mohammed VI Polytechnic University (UM6P), Morocco

Mariana Ratiu	University of Oradea, Romania
Valentina Ciuffreda	Università Chieti-Pescara, Italy

International Workshop on Information and Knowledge in the Internet of Things (IKIT 2025)

Workshop Organizers

Teresa Guarda	Universidad Estatal Península de Santa Elena, Ecuador
Luis Enrique Chuquimarca Jimenez	Universidad Estatal Península de Santa Elena, Ecuador
Gustavo Gatica	Universidad Andrés Bello, Chile
Filipe Mota Pinto	Polytechnic Institute of Leiria, Portugal
Arnulfo Alanis	Instituto Tecnológico de Tijuana, Mexico
Luis Mazon	Universidad Estatal Península de Santa Elena, Spain

Workshop Program Committee Members

Arnulfo Alanis	Instituto Tecnológico de Tijuana, Mexico
Bruno Sousa	University of Coimbra, Portugal
Carlos Balsa	Instituto Politécnico de Bragança, Portugal
Filipe Mota Pinto	Instituto Politécnico de Leiria, Portugal
Gustavo Gatica	Universidad Andrés Bello, Chile
Isabel Lopes	Instituto Politécnico de Bragança, Portugal
José-María Díaz-Nafría	Universidad a Distancia, Spain
Maria Fernanda Augusto	BiTrum Research Group, Spain
Maria Isabel Ribeiro	Instituto Politécnico Bragança, Portugal
Modestos Stavrakis	University of the Aegean, Greece
Simone Belli	Universidad Complutense de Madrid, Spain
Walter Lopes Neto	Instituto Federal de Educação, Brazil

International Workshop on territorial Planning to integrate Risk prevention and urban Ontologies (IWPRO 2025)

Workshop Organizers

Beniamino Murgante	University of Basilicata, Italy
Roberto De Lotto	University of Pavia, Italy
Elisabetta Maria Venco	University of Pavia, Italy
Caterina Pietra	University of Pavia, Italy

Workshop Program Committee Members

Stefano Borgo	Consiglio Nazionale delle Ricerche ISTC, Italy
Valentina Costa	Università di Genova, Italy
Hamid Danesh Pajouh	Middle East Technical University, Turkey
Ilaria Delponte	Università di Genova, Italy
Lorena Fiorini	Università de L'Aquila, Italy
Veronica Gazzola	Politecnico di Milano, Italy
Ghazaleh Goodarzi	Islamic Azad University, Iran
Michele Grimaldi	Università degli Studi di Salerno, Italy
Alessandra Marra	Università degli Studi di Salerno, Italy
Naghmeh Mohammadpourlima	Åbo Akademi University, Finland
Francesca Pirlone	Università di Genova, Italy
Silvia Rossetti	Università di Parma, Italy
Bahareh Shahsavari	University of Minnesota, USA
Ilenia Spadaro	Università di Genova, Italy
Maria Rosaria Stufano Melone	Politecnico di Bari, Italy

Regional Connectivity, Spatial Accessibility and MaaS for Social Inclusion (MaaS 2025)

Workshop Organizers

Mara Ladu	University of Cagliari, Italy
Ginevra Balletto	University of Cagliari, Italy
Gianfranco Fancello	University of Cagliari, Italy
Tanja Congiu	University of Sassari, Italy
Patrizia Serra	University of Cagliari, Italy
Francesco Piras	University of Cagliari, Italy

Workshop Program Committee Members

Marco Naseddu	University of Cagliari, Italy
Italo Meloni	University of Cagliari, Italy
Giuseppe Borruso	University of Trieste, Italy
Andrea Gallo	University of Trieste, Italy
Francesca Sinatra	University of Trieste, Italy
Maria Attard	University of Malta, Malta
Tu Anh Trinh	UEH University, Vietnam
Marcello Tadini	University of Eastern Piedmont, Italy
Luigi Mundula	University for Foreigners of Perugia, Italy
Silvia Battino	University of Sassari, Italy
Brunella Brundu	University of Sassari, Italy
Veronica Camerada	University of Sassari, Italy

Maria del Mar Munoz Leonisio	University of Cádiz, Spain
Anna Richiedei	University of Brescia, Italy
Michele Pezzagno	University of Brescia, Italy
Marco Mazzarino	IUAV University Venice, Italy

The Development of Urban Mobility Management, Road Safety and Risk Assessment (MANTAIN 2025)

Workshop Organizers

Antonio Russo	Università degli Studi di Enna, Italy
Corrado Rindone	University of Reggio Calabria, Italy
Antonio Polimeni	University of Messina, Italy
Florin Rusca	Politehnica University of Bucharest, Romania
Grigorios Fountas	Aristotle University of Thessaloniki, Greece
Antonio Comi	University of Rome Tor Vergata, Italy

Workshop Program Committee Members

Massimo Di Gangi	University of Messina, Italy
Orlando Marco Belcore	University of Messina, Italy
Antonio Polimeni	University of Messina, Italy
Socrates Basbas	Aristotle University of Thessaloniki, Greece
Claudia Caballini	Polytechnic of Torino, Italy
Efstathios Bouhouras	Aristotle University of Thessaloniki, Greece
Stefano Ricci	Sapienza University of Rome, Italy
Marina Zanne	University of Lubljana, Slovenia
Kh Md Nahiduzzaman	Mohammed VI Polytechnic University, Morocco
Alexsandra Deluka Tibljaš	University of Rijeka, Croatia
Guilhermina Torrao	Aston University, UK

Multidimensional Evolutionary Evaluations for Transformative Approaches (MEETA 2025)

Workshop Organizers

Maria Cerreta	University of Naples Federico II, Italy
Giuliano Poli	University of Naples Federico II, Italy
Maria Somma	University of Naples Federico II, Italy
Gaia Daldanise	CNR IRISS, Italy
Ludovica La Rocca	University of Naples Federico II, Italy

Workshop Program Committee Members

Maria Cerreta	University of Naples Federico II, Italy
Giuliano Poli	University of Naples Federico II, Italy
Maria Somma	University of Naples Federico II, Italy
Laura Di Tommaso	University of Naples Federico II, Italy
Sabrina Sacco	Politecnico di Milano, Italy
Piero Zizzania	University of Naples Federico II, Italy
Gaia Daldanise	CNR IRISS, Italy
Benedetta Grieco	University of Naples Federico II, Italy
Giuseppe Ciciriello	University of Naples Federico II, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Daniele Cannatella	TU Delft, The Netherlands
Eugenio Muccio	University of Naples Federico II, Italy
Francesco Piras	University of Cagliari, Italy
Diana Rolando	Politecnico di Torino, Italy
Sveva Ventre	University of Naples Federico II, Italy
Caterina Loffredo	University of Naples Federico II, Italy
Ludovica La Rocca	University of Naples Federico II, Italy
Simona Panaro	University of Campania Luigi Vanvitelli, Italy

Building Multi-dimensional Models for Assessing Complex Environmental Systems (MES 2025)

Workshop Organizers

Vanessa Assumma	University of Bologna, Italy
Caterina Caprioli	Politecnico di Torino, Italy
Giulia Datola	Politecnico di Milano, Italy
Federico Dell'Anna	University of Bologna, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Marco Rossitti	Politecnico di Milano, Italy

Workshop Program Committee Members

Vanessa Assumma	Università di Bologna, Bologna
Caterina Caprioli	Politecnico di Torino, Italy
Giulia Datola	DAStU Politecnico di Milano, Italy
Federico Dell'Anna	Politecnico di Torino, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Marco Rossitti	Politecnico di Milano, Italy
Francesca Torrieri	Politecnico di Milano, Italy
Mariarosaria Angrisano	Università Telematica Pegaso, Italy
Maksims Feofilovs	Riga Technical University, Latvia

Danny Caprini	Politecnico di Milano, Italy
Giulio Cavana	Politecnico di Torino, Italy
Sebastiano Barbieri	Politecnico di Torino, Italy
Marta Bottero	Politecnico di Torino, Italy
Francesco Cosentino	Politecnico di Milano, Italy
Silvia Ronchi	Politecnico di Milano, Italy
Chiara Mazzarella	TU Delft, Netherlands
Marco Volpatti	Politecnico di Torino, Italy
Chiara D'Alpaos	Università degli Studi di Padova, Italy
Alessandra Oppio	Politecnico di Milano, Italy
Alessia Crisopulli	Politecnico di Milano, Italy
Domenico D'Uva	Politecnico di Milano, Italy
Giorgia Malavasi	Politecnico di Torino, Italy
Rubina Canesi	Università degli Studi di Padova, Italy
Elena Todella	Politecnico di Torino, Italy
Beatrice Mecca	Politecnico di Torino, Italy
Giulia Marzani	University of Bologna, Italy
Isabella Giovanetti	University of Bologna, Italy
Lucia Petronio	University of Bologna, Italy
Franco Corti	University of Padova, Italy
Salvatore De Pascalis	Politecnico di Milano, Italy
Valeria Vitulano	Politecnico di Torino, Italy
Lorenzo Diana	Università degli studi di Napoli Federico II, Italy
Maksims Feofilovs	Riga Technical University, Latvia
Marco De Luca	Politecnico di Torino, Italy
Ilaria Cazzola	Politecnico di Torino, Italy
Andrea De Toni	Politecnico di Milano, Italy
Eugenio Muccio	University of Naples Federico II, Italy
Giuliano Poli	University of Naples Federico II, Italy
Francesco Sica	University "La Sapienza" of Rome, Italy
Elena Di Pirro	Università degli Studi del Molise, Italy
Riccardo Alba	Università di Torino, Italy
Irene Regaiolo	Università di Torino, Italy
Francesca Cochis	Università di Torino, Italy

Modelling Liveable Cities: Techniques, Methods, Challenges, and Perspectives Behind the 'X-Minute' City (MLC 2025)

Workshop Organizers

Federico Mara	University of Pisa, Italy
Valerio Cutini	University of Pisa, Italy
Alessandro Araldi	Université Côte d'Azur, France

Flávia Lopes	Chalmers University of Technology, Sweden
Giovanni Fusco	Université Côte d'Azur, France

Workshop Program Committee Members

Simone Rusci	University of Pisa, Italy
Lorena Fiorini	University of L'Aquila, Italy
Chiara Di Dato	University of L'Aquila, Italy
Francesco Zullo	University of L'Aquila, Italy
Alfonso Annunziata	University of Basilicata, Italy
Beniamino Murgante	University of Basilicata, Italy
Alessandro Araldi	Universitè Côte d'Azur, France
Chiara Garau	University of Cagliari, Italy
Giampiero Lombardini	Università di Genova, Italy
Flavia Lopes	Chalmers University of Technology, Sweden
Giovanni Fusco	Universitè Côte d'Azur, France

Mathematical Methods for Image Processing and Understanding 2025 (MMIPU 2025)

Workshop Organizers

Ivan Gerace	Università degli Studi di Perugia, Italy
Gianluca Vinti	Università degli Studi di Perugia, Italy
Arianna Travaglini	Università degli Studi della Basilicata, Italy

Workshop Program Committee Members

Ivan Gerace	University of Perugia, Italy
Gianluca Vinti	University of Perugia, Italy
Arianna Travaglini	University of Basilicata, Italy
Marco Baioletti	University of Perugia, Italy
Marco Donatelli	University of Insubria, Italy
Anna Tonazzini	C.N.R. Pisa, Italy
Muhammad Hanif	Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan
Francesco Marchetti	University of Padua, Italy
Wolfgang Erb	University of Padua, Italy
Danilo Costarelli	University of Perugia, Italy
Francesco Santini	University of Perugia, Italy
Valentina Giorgetti	University of Perugia, Italy

Mobility Opportunities Bridging Inequalities: Social Inclusion and Gender Equity Initiatives Strategies Against Fragmentation and Complexity of Mobility (MOBIL-EGI 2025)

Workshop Organizers

Tiziana Campisi	University of Enna Kore, Italy
Guilhermina Torrao	Aston University, UK
Socrates Basbas	Aristotle University of Thessaloniki, Greece
Tanja Congiu	University of Sassari, Italy
Stefanos Tsigdinos	National Technical University of Athens, Greece
Florin Nemtanu	Politehnica University of Bucharest, Romania

Workshop Program Committee Members

Massimo Di Gangi	University of Messina, Italy
Orlando Marco Belcore	University of Messina, Italy
Francesco Russo	Mediterranean University of Reggio Calabria, Italy
Alexandros Nikitas	University of Huddersfield, UK
Marilisa Nigro	Rome Tre University, Italy
Kh Md Nahiduzzaman	Mohammed VI Polytechnic University, Morocco
Efstathios Bouhouras	Aristotle University of Thessaloniki, Greece
Antonio Comi	University of Rome Tor Vergata, Italy
Edouard Ivanjko	University of Zagreb, Slovenia
Osvaldo Gervasi	University of Perugia, Italy
Beniamino Murgante	University of Basilicata, Italy
Chiara Garau	University of Cagliari, Italy

MOdels and indicators for assessing and measuring the urban settlement deVElopment in the view of NET ZERO by 2050 (MOVEto0 2025)

Workshop Organizers

Lorena Fiorini	University of L'Aquila, Italy
Lucia Saganeiti	CNR-IMAA, Italy
Angela Pilogallo	CNR-IMAA, Italy
Alessandro Marucci	University of L'Aquila, Italy
Francesco Zullo	University of L'Aquila, Italy

Workshop Program Committee Members

Ginevra Balletto	University of Cagliari, Italy
Giuseppe Borruso	University of Trieste, Italy
Chiara Garau	University of Cagliari, Italy

Beniamino Murgante	University of Basilicata, Italy
Giulia Desogus	University of Cagliari, Italy
Ljiljana Zivkovic	Republic Geodetic Authority, Serbia
Luigi Santopietro	University of Basilicata, Italy
Ilaria Delponte	University of Genoa, Italy
Carmen Guida	University of Naples Federico II, Italy
Chiara Di Dato	University of L'Aquila, Italy

5th Workshop on Privacy in the Cloud/Edge/IoT World (PCEIoT 2025)

Workshop Organizers

Lelio Campanile	Università degli Studi della Campania Luigi Vanvitelli, Italy
Mauro Iacono	Università degli Studi della Campania Luigi Vanvitelli, Italy
Michele Mastroianni	Università degli Studi di Foggia, Italy

Workshop Program Committee Members

Arcangelo Castiglione	Università degli Studi di Salerno, Italy
Maria Ganzha	Warsaw University of Technology, Poland
Daniel Grzonka	Cracow University of Technology, Poland
Antonio Iannuzzi	Università degli Studi Roma Tre, Italy
Armando Tacchella	Università degli Studi di Genova, Italy
Biagio Boi	University of Salerno, Italy
Marco De Santis	University of Salerno, Italy
Fiammetta Marulli	Università degli Studi della Campania "L. Vanvitelli", Italy
Christian Riccio	Università degli Studi della Campania "L. Vanvitelli", Italy
Luigi Piero Di Bonito	Università degli Studi di Napoli Federico II, Italy

Preserving Our Past: Spatial and Remote Sensing Technologies for Cultural Heritage in a Changing Climate (POP 2025)

Workshop Organizers

Maria Danese	CNR-ISPC, Italy
Nicola Masini	CNR-ISPC, Italy
Rosa Lasaponara	CNR-IMAA, Italy

Workshop Program Committee Members

Maria Danese	CNR-ISPC, Italy
Nicola Masini	CNR-ISPC, Italy
Rosa Lasaponara	CNR-IMAA, Italy
Dario Gioia	CNR-ISPC, Italy
Giuseppe Corrado	Università degli Studi della Basilicata, Italy
Canio Sabia	CNR-ISPC, Italy

Processes, methods and tools towards RESilient cities and cultural and historic sites prone to SOD and ROD disasters (RES 2025)

Workshop Organizers

Elena Cantatore	Polytechnic University of Bari, Italy
Dario Esposito	Polytechnic University of Bari, Italy
Alberico Sonnessa	Polytechnic University of Bari, Italy

Workshop Program Committee Members

Elena Cantatore	Politecnico di Bari, Italy
Dario Esposito	Politecnico di Bari, Italy
Alberico Sonnessa	Politecnico di Bari, Italy
Valeria Belloni	Sapienza University of Rome, Italy
Michela Ravanelli	Sapienza University of Rome, Italy
Silvano Dal Sasso	University of Basilicata, Italy
Francesco Chiaravalloti	CNR - IRPI, Italy
Roberta Ravanelli	University of Liège, Belgium
Alessandra Mascitelli	University of Chieti-Pescara, Italy
Francesco Di Capua	University of Basilicata, Italy
Gabriele Bernardini	Università Politecnica delle Marche, Italy
Vito Domenico Porcari	University of Basilicata, Italy
Carmen Rosa Fattore	University of Basilicata, Italy
Stefania Santoro	Water Research Institute, Italy

Scientific Computing Infrastructure (SCI 2025)

Workshop Organizers

Vladimir Korkhov	Saint Petersburg State University, Russia
Elena Stankova	Saint Petersburg State University, Russia
Nataliia Kulabukhova	Saint Petersburg State University, Russia

Workshop Program Committee Members

Adam Belloum	University of Amsterdam, the Netherlands
Dmitrii Vasiunin	Deutsche Telekom Cloud Services E.P.E., Greece
Serob Balyan	Osensus Arm LLC, Armenia
Suren Abrahamyan	Osensus Arm LLC, Armenia
Ashot Sergey Gevorkyan	NAS of Armenia, Armenia
Michal Hnatic	Univerzita Pavla Jozefa Šafárika v Košiciach, Slovakia
Michail Panteleyev	Saint Petersburg Electrotecnical University, Russia
Martin Vala	Univerzita Pavla Jozefa Šafárika v Košiciach, Slovakia
Nodir Zaynalov	Tashkent University of Information Technologies named after Muhammad al Khwarizmi, Uzbekistan
Michail Panteleyev	Saint Petersburg Electrotecnical University, Russia
Alexander Degtyarev	Saint Petersburg University, Russia
Alexander Bogdanov	St. Petersburg State University, Russia

Ports and Logistics of the Future - Smartness and Sustainability (SmartPorts 2025)

Workshop Organizers

Andrea Gallo	Università degli Studi di Trieste, Italy
Gianfranco Fancello	University of Cagliari, Italy
Giuseppe Borruso	Università degli Studi di Trieste, Italy
Enrico D'agostini	World Maritime University, Sweden
Silvia Battino	Università degli Studi di Sassari, Italy
Veronica Camerada	Università degli Studi di Sassari, Italy

Workshop Program Committee Members

Giuseppe Borruso	University of Trieste, Italy
Beniamino Murgante	University of Basilicata, Italy
Ginevra Balletto	University of Cagliari, Italy
Silvia Battino	University of Sassari, Italy
Mara Ladu	University of Cagliari, Italy
Maria del Mar Munoz Leonisio	University of Cádiz, Spain
Ahinoa Amaro Garcia	University of Las Palmas of Gran Canaria, Spain
Maria Attard	University of Malta, Malta
Enrico D'agostini	World Maritime University, Sweden
Francesca Krasna	University of Trieste, Italy

Tu Anh Trinh	UEH University - Ho Chi Minh City, Vietnam
Giovanni Mauro	Università degli Studi della Campania, Italy
Maria Ronza	University of Naples Federico II, Italy
Massimiliano Bencardino	University of Salerno, Italy
Andrea Gallo	Ca' Foscari University of Venice, Italy
Francesca Sinatra	University of Trieste, Italy
Salvatore Dore	University of Trieste, Italy
Veronica Camerada	University of Sassari, Italy
Brunella Brundu	University of Sassari, Italy
Gianfranco Fancello	University of Cagliari, Italy
Marcello Tadini	University of Eastern Piedmont, Italy
Marco Mazzarino	IUAV University Venice
José Ángel Hernández Luis	University of Las Palmas de Gran Canaria, Spain
Marco Naseddu	University of Cagliari, Italy
Maurizio Cociancich	Adriafer, Italy
Giovanni Longo	University of Trieste, Italy
Luca Toneatti	University of Trieste, Italy
Martina Sinatra	University of Cagliari, Italy
Enrico Vanino	University of Sheffield, UK
Patrizia Serra	University of Cagliari, Italy
Agostino Bruzzone	University of Genoa, Italy
Marco Petrelli	University of Roma 3, Italy

Smart Transport and Logistics - Smart Supply Chains (SmarTransLog 2025)

Workshop Organizers

Francesca Sinatra	University of Trieste, Italy
Maria del Mar Munoz	Universidad de Cádiz, Spain
Brunella Brundu	University of Sassari, Italy
Patrizia Serra	University of Cagliari, Italy
Salvatore Dore	University of Trieste, Italy
Marco Naseddu	University of Cagliari, Italy

Workshop Program Committee Members

Giuseppe Borruso	University of Trieste, Italy
Beniamino Murgante	University of Basilicata, Italy
Ginevra Balletto	University of Cagliari, Italy
Silvia Battino	University of Sassari, Italy
Mara Ladu	University of Cagliari, Italy
Maria del Mar Munoz Leonisio	University of Cádiz, Spain
Ahinoa Amaro Garcia	University of Las Palmas of Gran Canaria, Spain

Maria Attard	University of Malta, Malta
Enrico D'agostini	World Maritime University, Sweden
Francesca Krasna	University of Trieste, Italy
Tu Anh Trinh	UEH University, Vietnam
Giovanni Mauro	Università degli Studi della Campania, Italy
Maria Ronza	University of Naples Federico II, Italy
Massimiliano Bencardino	University of Salerno, Italy
Andrea Gallo	Ca' Foscari University of Venice, Italy
Francesca Sinatra	University of Trieste, Italy
Salvatore Dore	University of Trieste, Italy
Veronica Camerada	University of Sassari, Italy
Brunella Brundu	University of Sassari, Italy
Gianfranco Fancello	University of Cagliari, Italy
Marcello Tadini	University of Eastern Piedmont, Italy
Marco Mazzarino	IUAV University Venice
José Ángel Hernández Luis	University of Las Palmas de Gran Canaria, Spain
Marco Naseddu	University of Cagliari, Italy
Maurizio Cociancich	Adriafer, Italy
Giovanni Longo	University of Trieste, Italy
Luca Toneatti	University of Trieste, Italy
Martina Sinatra	University of Cagliari, Italy
Enrico Vanino	University of Sheffield, UK
Patrizia Serra	University of Cagliari, Italy
Agostino Bruzzone	University of Genoa, Italy
Marco Petrelli	University of Roma 3, Italy

Smart Tourism (SmartTourism 2025)

Workshop Organizers

Silvia Battino	University of Sassari, Italy
Francesca Krasna	University of Trieste, Italy
Ainhoa Amaro	University of Las Palmas de Gran Canaria, Spain
Maria del Mar Munoz	University of Cádiz, Spain
Brisol García García	Polytechnic University of Quintana Roo, Mexico
Marta Meleddu	University of Sassari, Italy

Workshop Program Committee Members

Giuseppe Borruso	University of Trieste, Italy
Beniamino Murgante	University of Basilicata, Italy
Gianfranco Fancello	University of Cagliari, Italy
Mara Ladu	University of Cagliari, Italy

Martina Sinatra	University of Cagliari, Italy
Salvatore Dore	University of Trieste, Italy
Marco Mazzarino	IUAV University Venice, Italy
Veronica Camerada	University of Sassari, Italy
Brunella Brundu	University of Sassari, Italy
Maria Attard	University of Malta, Malta
Ginevra Balletto	University of Cagliari, Italy
Giovanni Mauro	University degli Studi della Campania, Italy
Salvatore Lampreu	University of Sassari, Italy
Maria Ronza	University of Naples, Italy
Massimiliano Bencardino	University of Salerno, Italy

Sustainable evolution of long-Distance frEight and paSsenger Transport (SOLIDEST 2025)

Workshop Organizers

Francesco Russo	University of Reggio Calabria, Italy
Andreas Nikiforiadis	Democritus University of Thrace, Greece
Orlando Marco Belcore	University of Messina, Italy
Antonio Comi	University of Rome Tor Vergata, Italy
Tiziana Campisi	Kore University of Enna, Italy
Aura Rusca	Politehnica University of Bucharest, Romania

Workshop Program Committee Members

Massimo Di Gangi	University of Messina, Italy
Orlando Marco Belcore	University of Messina, Italy
Antonio Polimeni	University of Messina, Italy
Socrates Basbas	Aristotle University of Thessaloniki, Greece
Efstathios Bouhouras	Aristotle University of Thessaloniki, Greece
Marina Zanne	University of Lubljana, Slovenia
Marilisa Nigro	Rome Tre University, Italy
Edoardo Marcucci	Molde University College, Norway
Eugen Rosca	Polytechnic University of Bucharest, Romania
Kh Md Nahiduzzaman	Mohammed VI Polytechnic University, Morocco
Beniamino Murgante	University of Basilicata, Italy
Chiara Garau	University of Cagliari, Italy

Sustainability Performance Assessment: Models, Approaches, and Applications Toward Interdisciplinary and Integrated Solutions (SPA 2025)

Workshop Organizers

Francesco Scorza	University of Basilicata, Italy
Sabrina Lai	University of Cagliari, Italy
Francesco Rotondo	Università Politecnica delle Marche, Italy
Jolanta Dvarioniene	Kaunas University of Technology, Lithuania
Michele Campagna	University of Cagliari, Italy
Corrado Zoppi	University of Cagliari, Italy

Workshop Program Committee Members

Federico Amato	University of Lausanne, Switzerland
Ferdinando Di Carlo	University of Basilicata, Italy
Maddalena Floris	University of Cagliari, Italy
Federica Isola	University of Cagliari, Italy
Giuseppe Las Casas	University of Basilicata, Italy
Federica Leone	University of Cagliari, Italy
Giampiero Lombardini	University of Genoa, Italy
Federico Martellozzo	University of Florence, Italy
Alessandro Marucci	University of L'Aquila, Italy
Ana Clara Moura	Universidade Federal de Minas Gerais, Brazil
Beniamino Murgante	University of Basilicata, Italy
Silviu Nate	Lucian Blaga University of Sibiu, Romania
Anastasia Stratigea	National Technical University of Athens, Greece
Francesco Zullo	University of L'Aquila, Italy
Luigi Santopietro	University of Basilicata, Italy
Benedetto Manganelli	University of Basilicata, Italy

Specifics of Smart Cities Development in Europe (SPEED 2025)

Workshop Organizers

Chiara Garau	University of Cagliari, Italy
Katarína Vitálišová	Matej Bel University, Slovak Republic
Marco Fanfani	University of Florence, Italy
Anna Vaňová	Matej Bel University, Slovak Republic
Kamila Borsekova	Matej Bel University, Slovak Republic
Paola Zamperlin	University of Florence, Italy

Workshop Program Committee Members

Claudia Loggia	University of KwaZulu-Natal, South Africa
Francesca Maltinti	University of Cagliari, Italy
Alessandro Plaisant	University of Sassari, Italy
Alenka Poplin	Iowa State University, USA
Silvia Rossetti	University of Parma, Italy
Gerardo Carpentieri	University of Naples Federico II, Italy
Carmen Guida	University of Naples Federico II, Italy
Floriana Zucaro	University of Naples Federico II, Italy
Anastasia Stratigea	National Technical University of Athens, Greece
Yiota Theodora	National Technical University of Athens, Greece
Giovanna Concu	University of Cagliari, Italy
Paolo Nesi	University of Florence, Italy
Emanuele Bellini	University of Roma Tre, Italy
Mana Dastoum	Polytechnic University of Madrid, Spain
Barbara Caselli	University of Parma, Italy
Martina Carra	University of Brescia, Italy
Alfonso Annunziata	University of Basilicata, Italy
Elisabetta Venco	University of Pavia, Italy
Caterina Pietra	University of Pavia, Italy
Enrico Collini	University of Florence, Italy
Luciano Alessandro Ipsaro Palesi	University of Florence, Italy

Smart, Safe, and Healthy Cities (SSHC 2025)

Workshop Organizers

Chiara Garau	University of Cagliari, Italy
Gerardo Carpentieri	University of Naples Federico II, Italy
Carmen Guida	University of Naples Federico II, Italy
Tanja Congiu	University of Sassari, Italy
Martina Carra	University of Brescia, Italy
Alenka Poplin	Iowa State University, USA

Workshop Program Committee Members

Rosaria Battarra	Istituto di Studi sul Mediterraneo, Italy
Barbara Caselli	University of Parma, Italy
Francesca Maltinti	University of Cagliari, Italy
Romano Fistola	Università degli Studi di Napoli Federico II, Italy
Alessandro Plaisant	University of Sassari, Italy
Silvia Rossetti	University of Parma, Italy
Marco Fanfani	University of Florence, Italy
Reza Askarizad	University of Cagliari, Italy

Floriana Zucaro	University of Naples Federico II, Italy
Anastasia Stratigea	National Technical University of Athens, Greece
Yiota Theodora	National Technical University of Athens, Greece
Giovanna Concu	University of Cagliari, Italy
Francesco Zullo	University of L'Aquila, Italy
Paola Zamperlin	University of Florence, Italy
Vincenza Torrisi	University of Catania, Italy
Tiziana Campisi	University of Enna Kore, Italy
Katarína Vitálišová	Matej Bel University, Slovakia
Tazyeen Alam	University of Cagliari, Italy
Mana Dastoum	Polytechnic University of Madrid, Spain
Martina Carra	University of Brescia, Italy
Alfonso Annunziata	University of Basilicata, Italy
Elisabetta Venco	University of Pavia, Italy
Caterina Pietra	University of Pavia, Italy

Smart and Sustainable Island Communities (SSIC 2025)

Workshop Organizers

Chiara Garau	University of Cagliari, Italy
Anastasia Stratigea	National Technical University of Athens, Greece
Yiota Theodora	National Technical University of Athens, Greece
Giovanna Concu	University of Cagliari, Italy

Workshop Program Committee Members

Milena Metalkova-Markova	University of Portsmouth, UK
Tarek Teba	University of Portsmouth, UK
Alenka Poplin	Iowa State University, USA
Gerardo Carpentieri	University of Naples Federico II, Italy
Carmen Guida	University of Naples Federico II, Italy
Floriana Zucaro	University of Naples Federico II, Italy
Silvia Rossetti	University of Parma, Italy
Barbara Caselli	University of Parma, Italy
Martina Carra	University of Brescia, Italy
Alfonso Annunziata	University of Basilicata, Italy
Maria Panagiotopoulou	National Technical University of Athens, Greece
Apostolos Lagarias	University of Thessaly, Greece
Paola Zamperlin	University of Florence, Italy
Vincenza Torrisi	University of Catania, Italy
Giuseppina Vacca	University of Cagliari, Italy
Roberto Minunno	Curtin University, Australia
Marco Zucca	University of Cagliari, Italy

Elisabetta Venco	University of Pavia, Italy
Caterina Pietra	University of Pavia, Italy
Pietro Crespi	Politecnico di Milano, Italy

From STreet Experiments to Planned Solutions (STEPS 2025)

Workshop Organizers

Silvia Rossetti	Università degli Studi di Parma, Italy
Angela Ricciardello	Kore University of Enna, Italy
Francesco Pinna	Università degli Studi di Cagliari, Italy
Chiara Garau	Università degli Studi di Cagliari, Italy
Tiziana Campisi	Kore University of Enna, Italy
Vincenza Torrisi	University of Catania, Italy

Workshop Program Committee Members

Martina Carra	University of Brescia, Italy
Barbara Caselli	University of Parma, Italy
Tanja Congiu	University of Sassari, Italy
Gabriele D'Orso	University of Palermo, Italy
Matteo Ignaccolo	University of Catania, Italy
Md Kh Nahiduzzaman	Mohammed VI Polytechnic University, Morocco
Muhammad Ahmad Al-Rashid	University of Malaya, Malaysia
Alessandro Plaisant	University of Sassari, Italy
Marianna Ruggieri	University of Enna Kore, Italy
Michele Zazzi	University of Parma, Italy

Sustainable Tourism Evaluations: approaches, methods and indicators (STEva 2025)

Workshop Organizers

Mariolina Grasso	Università Kore di Enna, Italy
Fabrizio Finucci	Roma Tre University, Italy
Daniele Mazzoni	Roma Tre University, Italy
Antonella G. Masanotti	Roma Tre University, Italy
Giovanna Acampa	University of Florence, Italy

Workshop Program Committee Members

Giovanna Acampa	University of Florence, Italy
Fabrizio Finucci	Roma Tre University, Italy
Mariolina Grasso	"Kore" University of Enna, Italy

Alberto Marzo	Ministero della Cultura, Italy
Antonella G. Masanotti	Roma Tre University, Italy
Daniele Mazzoni	Roma Tre University, Italy
Rocco Murro	Sapienza University of Rome, Italy
Claudio Piferi	University of Florence, Italy
Alessio Pino	"Kore" University of Enna, Italy
Nicoletta Setola	University of Florence, Italy
Laura Calcagnini	Roma Tre University, Italy
Antonio Magarò	Roma Tre University, Italy
Janos Ghyerghyak	University of Pécs, Hungary
Ágnes Borsos	University of Pécs, Hungary
Fabrizio Battisti	University of Florence, Italy

Sustainable Development of Ports (SUSTAINABLEPORTS 2025)

Workshop Organizers

Tiziana Campisi	University of Enna KORE, Italy
Giuseppe Musolino	University of Reggio Calabria, Italy
Efstathios Bouhouras	Aristotle University of Thessaloniki, Greece
Elen Twrdy	University of Ljubljana, Slovenia
Elena Cocuzza	University of Catania, Italy
Aura Rusca	Politehnica University of Bucharest, Romania

Workshop Program Committee Members

Massimo Di Gangi	University of Messina, Italy
Orlando Marco Belcore	University of Messina, Italy
Antonio Polimeni	University of Messina, Italy
Claudia Caballini	Polytechnic of Torino, Italy
Gianfranco Fancello	University of Cagliari, Italy
Marina Zanne	University of Lubljana, Slovenia
Stefano Ricci	Sapienza University of Rome, Italy
Beniamino Murgante	University of Basilicata, Italy
Chiara Garau	University of Cagliari, Italy

Theoretical and Computational Chemistry and Its Applications (TCCMA 2025)

Workshop Organizers

Noelia Faginas Lago	Università di Perugia, Italy
Andrea Lombardi	Università di Perugia, Italy
Marcos Mandado Alonso	University of Vigo, Spain

Workshop Program Committee Members

Noelia Faginas-Lago	University of Perugia, Italy
Andrea Lombardi	University of Perugia, Italy
Marcos Mandado	University of Vigo, Spain
Angeles Peña	University of Vigo, Spain
Luca Mancini	Universiy of Perugia, Italy
Massimiliano Bartolomei	CSIC, Spain
Cecilia Coletti	University of Chieti-Pescara, Italy
Iñaki Tuñón	Universidad de Valencia, Spain
Albert Rimola Gilbert	Universitat Autònoma de Barcelona, Spain
Stefano Falcinelli	University of Perugia, Italy
Dario Campisi	University of Perugia, Italy
Ernesto García Para	University of the Basque Country, Spain
Giacomo Giorgi	University of Perugia, Italy
Tomás González Lezana	IFF CSIC, Spain
Enrique M. Cabaleiro Lago	Universidade de Santiago de Compostela, Spain
Aurora Costales	Universidad de Oviedo, Spain
Angel Martin	Universidad de Oviedo, Spain
Jose Manuel	University of Vigo, Spain
Annarita Laricchiuta	CNR ISTP Bari, Italy
Fernando Pirani	University of Perugia, Italy

Transport Infrastructures for Smart Cities (TISC 2025)

Workshop Organizers

Francesca Maltinti	University of Cagliari, Italy
Mauro Coni	University of Cagliari, Italy
Benedetto Barabino	University of Brescia, Italy
Nicoletta Rassu	University of Cagliari, Italy
James Rombi	University of Cagliari, Italy

Workshop Program Committee Members

Francesco Pinna	University of Cagliari, Italy
Chiara Garau	University of Cagliari, Italy
Mauro D'Apuzzo	University of Cassino, Italy
Roberto Minunno	Curtin University, Australia
Tiziana Campisi	University of Enna Kore, Italy
Roberto Ventura	University of Brescia, Italy
Alessandro Plaisant	University of Sassari, Italy
Massimo Di Francesco	University of Cagliari, Italy

Vincenza Torrisi	University of Catania, Italy
Paola Zamperlin	University of Florence, Italy

Transforming Urban Analytics: The Impact of Crowdsourced Mapping and Advanced AI Techniques on Future Cities (Tr-UrbAna 2025)

Workshop Organizers

Ayse Giz Gulnerman Gengec	Ankara Hacı Bayram Veli University, Turkey
Müslüm Hacar	Tildiz Technical University, Turkey
Himmet Karaman	Istanbul Technical University, Turkey

Workshop Program Committee Members

Beniamino Murgante	University of Basilicata, Italy
Abdulkadir Memduhoğlu	Harran University, Turkey
Zeynel Abidin Polat	İzmir Katip Çelebi University, Turkey
Güzide Miray Perihanoğlu	Van Yüzüncü Yıl University, Turkey
Tugba Memisoglu Baykal	Ankara Hacı Bayram Veli University, Turkey

From structural to TRAnsformative-change of City Environment: challenges and solutions and perspectives (TRACE 2025)

Workshop Organizers

Pierluigi Morano	Polytechnic University of Bari, Italy
Maria Rosaria Guarini	Sapienza University of Rome, Italy
Francesco Sica	Sapienza University of Rome, Italy
Francesco Tajani	Sapienza University of Rome, Italy
Marco Locurcio	Polytechnic University of Bari, Italy
Debora Anelli	Polytechnic University of Bari, Italy

Workshop Program Committee Members

Felicia di Liddo	Politecnico di Bari, Italia
Valeria Saiu	Università di Cagliari, Italia
Emma Sabatelli	Sapienza Università di Roma, Italia
Antonella Roma	Sapienza Università di Roma, Italia
Giuseppe Cerullo	Sapienza Università di Roma, Italia
Lucia della Spina	Università di Reggio Calabria, Italia
Alejandro Segura de la Cal	Politecnico di Madrid, Spain
Yilsy Nuñez	Politecnico di Madrid, Spain
Gabriella Maselli	Università di Salerno, Italy
Maria Rosa Trovato	Università di Catania, Italy

Manuela Rebaudengo	Politecnico di Torino, Italy
Pierfrancesco De Paola	Università di Napoli Federico II, Italy
Daniela Tavano	Università della Calabria, Italy
Maria Saez	University of Granada, Spain
Paola Amoruso	LUM "Giuseppe Degennaro" University, Italy

Temporary Real Estate management: Approaches and methods for Time-integrated impact assessments and evaluations (TREAT 2025)

Workshop Organizers

Chiara Mazzarella	TUDelft, The Netherlands
Hilde Remoy	TUDelft, The Netherlands
Maria Cerreta	University of Naples Federico II, Italy

Workshop Program Committee Members

Chiara Mazzarella	TU Delft, The Netherlands
Hilde Remoy	TU Delft, The Netherlands
Maria Cerreta	University of Naples Federico II, Italy
Maria Somma	University of Naples Federico II, Italy
Simona Panaro	University of Campania Luigi Vanvitelli, Italy
Laura Di Tommaso	University of Naples Federico II, Italy
Caterina Loffredo	University of Naples Federico II, Italy
Ludovica La Rocca	University of Naples Federico II, Italy
Sabrina Sacco	Politecnico di Milano, Italy
Piero Zizzania	University of Naples Federico II, Italy
Gaia Daldanise	CNR IRISS, Italy
Benedetta Grieco	University of Naples Federico II, Italy
Giuseppe Ciciriello	University of Naples Federico II, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Daniele Cannatella	TU Delft, The Netherlands
Eugenio Muccio	University of Naples Federico II, Italy
Sveva Ventre	University of Naples Federico II, Italy

Supporting the Transition to Ecological Economy in Cities Regeneration: Circular Model Tools for Reusing Architecture and Infrastructures (TReE 2025)

Workshop Organizers

Mariarosaria Angrisano	Pegaso University, Italy
Giulio Cavana	Politecnico di Torino, Italy
Francesca Buglione	CNR-ISPC, Italy

Antonia Gravagnuolo	CNR-ISPC, Italy
Piera Della Morte	Pegaso University, Italy

Workshop Program Committee Members

Giulia Datola	Politecnico di Milano, Italy
Vanessa Assumma	University of Bologna, Italy
Marco Volpatti	Politecnico di Torino, Italy
Sebastiano Barbieri	Politecnico di Torino, Italy
Caterina Caprioli	Politecnico di Torino, Italy
Marta Dell'Ovo	Politecnico di Milano, Italy
Federico Dell'Anna	Politecnico di Torino, Italy
Elena Todella	Politecnico di Torino, Italy
Danny Casprini	Politecnico di Milano, Italy
Grazia Neglia	Università Telematica Pegaso, Italy
Francesca Nocca	Università degli Studi di Napoli Federico II, Italy
Giulio Cavana	Politecnico di Torino, Italy
Francesca Buglione	CNR-IPSC, Italy
Marco Rossitti	Politecnico di Milano, Italy
Jhon Escorcia	Politecnico di Torino, Italy
Beatrice Mecca	Politecnico di Torino, Italy
Sara Biancifiori	Politecnico di Torino, Italy

Urban Digital Twins and Data Spaces: Shaping the Future of Sustainable Cities (TwinAbleCities 2025)

Workshop Organizers

Dessislava Petrova Antonova	Sofia University, GATE Institute, Bulgaria
Beniamino Murgante	University of Basilicata, Italy
Senthil Rajendran	RMSI, Bahrain
Tiziana Campisi	Kore University of Enna, Italy
Mila Koeva	University of Twente, The Netherlands

Workshop Program Committee Members

Dessislava Petrova-Antonova	Sofia University, Bulgaria
Mila Koeva	The University of Twente, The Netherlands
Beniamino Murgante	University of Basilicata, Italy
Senthil Rajendran	RMSI, Bahrain
Tiziana Campisi	Kore University of Enna, Italy

Urban Regeneration: Innovative Tools and Evaluation Model (URITEM 2025)

Workshop Organizers

Fabrizio Battisti	University of Florence, Italy
Giovanna Acampa	University of Florence, Italy
Orazio Campo	Sapienza University of Rome, Italy
Melania Perdonò	University of Florence, Italy

Workshop Program Committee Members

Fabrizio Battisti	University of Florence, Italy
Giovanna Acampa	University of Florence, Italy
Orazio Campo	University of Rome "La Sapienza", Italy
Melania Perdonò	Università degli Studi di Firenze, Italy

Urban Space Accessibility and Mobilities (USAM 2025)

Workshop Organizers

Chiara Garau	DICAAR, University of Cagliari, Italy
Alessandro Plaisant	University of Sassari, Italy
Barbara Caselli	University of Parma, Italy
Mauro D'Apuzzo	University of Cassino and Southern Lazio, Italy
Gabriele D'Orso	University of Palermo, Italy
Matteo Ignaccolo	University of Catania, Italy

Workshop Program Committee Members

Mauro Coni	University of Cagliari, Italy
Martina Carra	University of Brescia, Italy
Tiziana Campisi	University of Enna Kore, Italy
Tanja Congiu	University of Sassari, Italy
Francesca Maltinti	University of Cagliari, Italy
Silvia Rossetti	University of Parma, Italy
Barbara Caselli	University of Parma, Italy
Angela Pilogallo	University of L'Aquila, Italy
Lorena Fiorini	University of L'Aquila, Italy
Reza Askarizad	University of Cagliari, Italy
Francesco Pinna	University of Cagliari, Italy
Aime Tsinda	University of Rwanda, Rwanda
Youssef El Ganadi	International University of Rabat, Morocco
Marco Migliore	University of Palermo, Italy
Alessio Salvatore	Italian National Research Council, Italy
Giuseppe Stecca	Italian National Research Council, Italy

Paola Zamperlin	University of Florence, Italy
Vincenza Torrisi	University of Catania, Italy
Gerardo Carpentieri	University of Naples Federico II, Italy
Carmen Guida	University of Naples Federico II, Italy
Floriana Zucaro	University of Naples Federico II, Italy
Alfonso Annunziata	University of Basilicata, Italy
Elisabetta Venco	University of Pavia, Italy
Caterina Pietra	University of Pavia, Italy
Tazyeen Alam	University of Cagliari, Italy
Valerio Cutini	University of Pisa, Italy

UX Mobility 2025: Placing User Experience at the Center of Urban Mobility: Methods and Frameworks (UXM 2025)

Workshop Organizers

Carmen Guida	Università degli Studi di Napoli Federico II, Italy
Gerardo Carpentieri	Università degli Studi di Napoli Federico II, Italy
Federico Messa	Systematica srl, Italy
Lamia Abdelfattah	Systematica srl, Italy

Workshop Program Committee Members

Rosaria Battarra	Istituto di Studi sul Mediterraneo CNR, Italy
Romano Fistola	Università degli Studi di Napoli Federico II, Italy
Lucia Saganeiti	IMAA-CNR, Italy

Virtual Reality and Augmented reality and applications (VRA 2025)

Workshop Organizers

Damiano Perri	University of Perugia, Italy
Osvaldo Gervasi	University of Perugia, Italy
Chau Ma Thi	University of Engineering and Technology, Vietnam National University, Hanoi, Vietnam
Paolo Nesi	University of Florence, Italy
Pierfrancesco Bellini	University of Florence, Italy

Workshop Program Committee Members

David Berti	ART SpA, Italy
JungYoon Kim	Gachon University, South Korea

TaiHoon Kim	Zhejiang University of Science and Technology, China
Marcelo de Paiva Guimares	Federal University of São Paulo, Brazil
Sergio Tasso	University of Perugia, Italy

Workshop on Advanced and Computational Methods for Earth Science Applications (WACM4ES 2025)

Workshop Organizers

Luca Piroddi	University of Cagliari, Italy
Patrizia Capizzi	University of Palermo, Italy
Marilena Cozzolino	University of Molise, Italy
Sebastiano D'Amico	University of Malta, Malta
Chiara Garau	University of Cagliari, Italy
Giuseppina Vacca	University of Cagliari, Italy

Workshop Program Committee Members

Andrea Angelini	CNR ISPC, Italy
Ilaria Barone	Università degli Studi di Padova, Italy
Patrizia Capizzi	University of Palermo, Italy
Luigi Capozzoli	CNR, Italy
Alberto Carletti	University of Cagliari, Italy
Emanuele Colica	University of Malta, Malta
Marilena Cozzolino	Università del Molise, Italy
Sebastiano D'Amico	University of Malta, Malta
Chiara Garau	University of Cagliari, Italy
Luciano Galone	University of Malta, Malta
Peter Iregbeyen	University of Malta, Malta
Mariano Lisi	Basilicata Aerospace Cluster CLAS, Italy
Raffaele Martorana	Università di Palermo, Italy
Paolo Mauriello	Università del Molise, Italy
Veronica Pazzi	University of Florence, Italy
Raffaele Persico	Università della Calabria, Italy
Luca Piroddi	University of Cagliari, Italy
Sina Saneiyan	Binghamton University, USA
Mercedes Solla	Universidade de Vigo, Spain
Deodato Tapete	ASI, Italy
Giuseppina Vacca	University of Cagliari, Italy
Enrica Vecchi	University of Cagliari, Italy

Sponsoring Organizations

ICCSA 2025 would not have been possible without the tremendous support of many organizations and institutions, for which all organizers and participants of ICCSA 2025 express their sincere gratitude:



Galatasaray University, Istanbul, Türkiye
(https://gsu.edu.tr/en)



African Mathematical Union
(https://www.africanmathunion.org/)



Springer Nature Switzerland AG, Switzerland
(https://www.springer.com)



The University of Massachusetts, USA
(https://www.umass.edu/)



University of Perugia, Italy
(https://www.unipg.it)



University of Basilicata, Italy (http://www.unibas.it)



Monash University, Australia
(https://www.monash.edu/)



Kyushu Sangyo University, Japan
(https://www.kyusan-u.ac.jp/)

Universidade do Minho
Escola de Engenharia

University of Minho, Portugal
(https://www.uminho.pt/)
Venue
ICCSA 2025 took place in: **Galatasaray University, Istanbul, Türkiye**



Additional Reviewers

Reviewers
The review tasks for each workshop have been carried out by the workshop Organizers and the members of the workshop Program Committee.

Plenary Lectures

Sky Safe with GAI and Post-quantum Computing

Elizabeth Chang

Professor of Cyber Security and Head of Discipline, University of the Sunshine Coast, Australia

Abstract. Professor Chang's talk in this presentation has two distinct parts. To start, she will introduce the landscape of cybersecurity development, attacks, threats, and vulnerabilities, as well as state-of-the-art cyber protection, cyber defence, and cyber incident prevention. This is followed by a discussion of the impact of Generative AI (GAI) and quantum-safe cryptographic computing, highlighting the major issues and challenges in research, education, and training. In conclusion, she will present a vision for Sky Safe solutions, aiming to achieve cyber resilience that supports business and economic stability, enhances human capabilities, and promotes environmental sustainability.

Disaster Preparedness and Risk Profiling in the Digital Era from Earth Observation Lens

Jagannath Aryal

Department of Infrastructure Engineering, University of Melbourne, Australia

Abstract. Natural hazards which turn into disasters result in severe losses of lives, infrastructure, and property. Disasters such as earthquakes and landslides and their impacts on transportation safety, infrastructure resilience, and displacement of people to new places are challenges. To address such challenges, earth observation data and intelligent methods can provide potential solutions in developing decision support systems. This talk will present the state of the art in Earth observation for disaster resilience using intelligent methods. In the Earth observation space, digitalisation has revolutionised the way we map, monitor, and develop decision support systems. Global case study examples covering earthquake-induced landslides from the Himalayan region will cover the digital capabilities. The digital capabilities will embrace object recognition, interpretation, and their accurate and precise capture to integrate into digital models. The developed digital models from representative case studies can be leveraged in other jurisdictions in profiling risks to protect lives and infrastructure and creating disaster preparedness in the era of digital age and digital economy.

Intelligent Image Enhancement for Real-World Applications in Adverse Atmospheric Conditions

Khan Muhammad

Department of Global Convergence, Sungkyunkwan University, South Korea

Abstract. The adverse impacts of atmospheric conditions such as haze, fog, and low-light environments pose significant challenges for real-world applications reliant on computer vision, including autonomous driving, surveillance, and remote sensing. This keynote explores cutting-edge advancements in intelligent image enhancement, drawing insights from two pivotal studies. The first introduces HazeSpace2M, a comprehensive dataset and novel classification-guided dehazing framework that improves image clarity across diverse atmospheric conditions, addressing the gap between synthetic and real-world dehazing performance. The second focuses on LoLI-Street, a benchmark for low-light image enhancement tailored to urban environments, extending beyond enhancement to enable robust object detection and scene understanding. Taken together, these contributions demonstrate how integrating domain-specific datasets, advanced algorithms, and performance benchmarks can significantly elevate the reliability of computer vision systems under challenging weather and lighting conditions. Attendees will gain valuable insights into the methodologies, datasets, and practical applications driving innovation in this field, with implications for research and industry alike.

In Memory of Carmelo Torre



Unfortunately, Professor Carmelo Torre, one of the cornerstones of the ICCSA Conference, passed away last December, leaving everyone stunned and deeply saddened. His loss has created a profound void within our academic community. Carmelo was not only a respected scholar and dedicated contributor to the success and growth of ICCSA, but also a generous colleague, mentor, and friend to many. His intellectual rigor, warm personality, and unwavering commitment to advancing research will be remembered with great admiration. As we continue the work he helped shape, we honor his legacy and the indelible mark he left on all of us. Carmelo Torre graduated in engineering at the Polytechnic of Bari with a thesis on urban planning under Dino Borri's guidance. He began his research career by collaborating with Franco Selicato. During his PhD at the University of Naples Federico II under Luigi Fusco Girard, he specialized in real estate market analysis and multi-criteria evaluation methods. He explored the social impacts of urban transformations with his lifelong friend Maria Cerreta. His first ICCSA participation was in Perugia in 2008, in the session Geographical Analysis, Urban Modeling, Spatial Statistics. Instantly captivated by the conference, his charisma enabled him to involve various Italian scientific communities, including those in real estate and statistics. ICCSA became a yearly commitment for him, where he valued the high editorial quality of the proceedings and the dynamic post-presentation discussions and debates he passionately and expertly enriched. In 2012, alongside Maria Cerreta and Paola Perchinunno, he organized the workshop Econometrics and Multidimensional Evaluation in the Urban Environment (EMEUE), fostering dialogue on critical topics. His influence steadily grew, drawing numerous research groups to ICCSA and establishing real estate and assessment as one of the conference's leading fields. A pillar of ICCSA, he was involved across all facets of the event. Torre's contributions to academic discourse were marked by intellectual rigor and innovative thinking. His conference interventions consistently challenged conventional wisdom, offering insights transcending disciplinary boundaries. Beyond the conference, he passionately advocated for equity and social justice. His left-leaning ideology, though firm, earned respect from those with differing views, thanks to his sincerity and loyalty. He was creative, generous, and always willing

to help, even at a personal cost. Despite battling illness, he maintained his characteristic optimism, warmth, cheerfulness, and commitment, supported by his partner, Caterina Rinaldo. His legacy lives on in his ideas, dedication, and unmatched generosity.

Contents – Part VI

Advanced and Innovative Web Apps 2025 (AIWA 2025)

B2B Service for Tracking User Behavior 3
Bui Ngoc Son, Vu Thu Diep, and Phan Duy Hung

Contribution to Nosocomial Infections Detection via Biosensors Particles Spatial Simulation in Mixed Reality Environment 17
Stelios Kouzeleas and Ioannis Tsolakidis

Dockerized Architecture for a Progressive Web App: An Italian Collocations Dictionary 33
Damiano Perri, Osvaldo Gervasi, Sergio Tasso, Irene Fioravanti, Fabio Zanda, Stefania Spina, and Luciana Forti

Automated Generation of Web Resources for the Locative Web 44
Rui José

Flow Management in Urban Contexts (FMUC 2025)

Synergy Between BIM and e-Procurement: A New Paradigm for Digital Procurement Management 63
Enrico Pasquale Zitiello, Francesca Porcellini, Eliana Basile, Antonio Salzano, and Maurizio Nicolella

A Place-Based Multi-sectoral Project for the Definition of Indicators and Thresholds to Support Sustainable Mobility Policies in Italian Cities 78
Francesco Alberti, Giacomo Rossi, Giovanna Acampa, and Alessio Pino

A Co-design and Co-evaluation Model for the Reconversion of Dismissed Railways to Greenways: The Case of Misterbianco 90
Giovanna Acampa, Alessio Pino, and Mariolina Grasso

Evaluation of the Impact of Tourism Flows on the Urban Food Service Industry. A Sensitivity Analysis on the City of Rome 107
Giovanna Acampa, Alessio Pino, and Alberto Pino

Ecologica. Urban Regeneration of Buildings of Worship. Cultural and Associative Dynamics in Northern and Southern Europe 122
Donatella Scatena, Marcello Valerio Cadorin, Sergio Amedeo Terracina, and Zeynep Gulel

Geomatics for Resource Monitoring and Management (GRMM 2025)

Analysis of the Stability Conditions of the Grotte di Castellana (Apulia, Southern Italy) 143
Alessandro Reina

Comparative Study of Different Constructions of Morphological Leveling Decompositions for Spatial Multi-scale Image Analysis 157
Nor El Houda Alioua, Samir L' Haddad, Akila Kemmouche, Alessandra Capolupo, and Eufemia Tarantino

Retro-Planning: A Time Machine for Cultural Heritage The Urban Gate S. Leonardo – Barletta (BAT) 175
Mongiello Giovanni and Cardo Grazia Dominique

Monitoring Long-Term Trends in Aglianico Vineyards Using a Mann-Kendall Test Approach, Sen's Slope Estimator, and Sentinel-2 Time Series 190
Alessandra Capolupo, Raffaele Iannone, Pier Paolo Miglietta, and Eufemia Tarantino

SoilEye: An Interactive Web App Prototype for Soil Sealing Monitoring 207
Ahmad Asad, Alessandra Capolupo, and Eufemia Tarantino

Earth Observation Big Data for Soil Moisture Estimation Techniques in Precision Viticulture 222
Alessandra Capolupo, Andrea Gioia, Giulio Paolo Agnusdei, Pier Paolo Miglietta, Raffaele Iannone, and Eufemia Tarantino

Assessing Soil Sealing Dynamics in the Metropolitan Area of Bari Using Sentinel-2, Sealed Surface Index, and Machine Learning Approaches 238
Ahmad Asad, Alessandra Capolupo, and Eufemia Tarantino

TLS Radiometric Analysis for Monitoring Plant Diseases in Apulia's Olive Groves 256
Noemi Pagano, Eufemia Tarantino, and Alberico Sonnessa

GIS-Based Approach to Evaluate the Photovoltaic Potential of a Territory: The Case Study of the Municipality of San Severo in the Apulia Region 268
Alberico Sonnessa, Michele Vomero, Antonio Leone, Nicolina Ripa, and Micaela Falcone

Environmental Processes Related to Soil Temperature: Problems and Analysis Methodologies 285
Francesca Miccoli and Antonio Leone

EU Regulatory Framework and Funding to Combat Desertification 302
Micaela Falcone

Simulating Dissolved Oxygen Concentrations at the Watershed Scale: A Machine Learning Approach with Physical Constraints 319
Pedro Pertusso, Martina Pou, Federico Vilaseca, Alberto Castro, and Angela Gorgoglione

International Workshop on Information and Knowledge in the Internet of Things (IKIT 2025)

Determinants of University Dropout and Educational Quality Improvement 337
Alicia Andrade Vera, Juan Martinez, and Anthony Pachay Espinoza

Comprehensive Home Monitoring System for Cardiovascular Health Management 355
Marcia M. Bayas, Mario Alomoto Tomalá, Manuel Montaño Blacio, Oscar W. Gomez, and Ronald H. Rovira Jurado

Contrasting Neural Network Techniques for Enhanced Natural Language Understanding in Conversational Agents – CoN^{2}LUC 370
Arnulfo Alanis, J. Ascención Guerrero-Viramontes, Gulliermo Daniel Prieto, and Bogart Yail Marquez

A Lightweight FPGA-Based Steganography Accelerator Core for Edge Platforms 381
Cuong Pham-Quoc

Experimental Evaluation of LoRa RSSI Performance in Educational IoT Deployments 393
Anabel Pineda-Briseño, Rosario Baltazar, Rodrigo Cadena Martínez, Eduardo Eloy Loza Pacheco, and Daniel Gonzalo Galván Rodríguez

Pedagogical Challenges of Generative AI in Academic Writing 411
Teresa Guarda, Luis Chuquimarca, and Maria Fernanda Augusto

Author Index 423