



The 14th International Conference on Ambient Systems, Networks and Technologies

<http://cs-conferences.acadiu.ca/ant-23/>

March 15 - 17, 2023, Leuven, Belgium



General Chairs
 Atta Badii, UK
 Albert Zomaya, Australia

Program Chairs
 Hossam Hassanein, Canada
 Ansar Yasar, Belgium

Workshops Chair
 Stéphane Galland, France

Industry Chair
 Youssef El Hansali, UAE

Program Vice Chairs
 Muhammad Adnan, Belgium
 Manzoor Ahmed, China
 Ayoub Bahnasse, Morocco
 Nik Bessis, UK / Samia Bouzefrane, France
 Samia Bouzefrane, France
 Junsung Choi, Korea / Stefano Cresci, Italy
 Robertas Damasevicius, Lithuania
 Giovanni Da San Martino, Italy
 Roberto Di Pietro, Qatar
 Solomiia Fedushko, Ukraine
 Mohammad Ghanim, Qatar
 Stefano Guarino, Italy
 Faouzi Kammoun, Tunis
 Bouabdellah Kechar, Algeria
 Manzoor Khan, UAE / Ridha Khedri, Canada
 Ridha Khedri, Canada
 Ka Lok Man, China / Yazan Mualla, France
 Flavio Lombardi, Italy / Joy Ommer, Finland
 Joy Ommer, Finland
 Aneta Poniszewska-Marand, Poland
 Khair Eddin Sabri, Jordan
 Cristina Seceleanu, Sweden
 Khaled Shaaban, USA
 Kamran Siddique, Malaysia
 Mohamed Tabaa, Morocco
 Igor Tchappi, Luxembourg

Publicity Chairs
 Rachida AIT, Morocco / Wim Ectors, Belgium
 Siddardha Kaja, Canada
 Salam Traboulsi, Germany
 Farhan Ullah, China

International Journals Chair
 Haroon Malik, USA / Michael Sheng, Australia

Advisory Committee
 Reda Alhadj, Canada / Sajal K. Das, USA
 Erol Gelenbe, UK / Vincenzo Loia, Italy
 Peter Slood, Netherlands
 Ralf Steinmetz, Germany / Katia Sycara, USA
 Peter Thomas, Australia

International Liaison Chairs
 Soumaya Cherkaoui, Canada
 Paul Davidsson, Sweden
 David Taniar, Australia

Steering Committee Chair
 Elhadi Shakshuki, Canada

The 14th International Conference on Ambient Systems, Networks and Technologies (ANT-2023) is a leading international conference for researchers and industry practitioners to share their new ideas, original research results and practical development experiences related to Ambient Systems, Networks and associated Technologies. The ANT program will include guest speakers, peer reviewed technical program, demos, short papers, posters, industrial presentations, and exhibitions covering wide spectrum of topics, including but not limited to:



- Agent Technology and Intelligent Computing
- Big Data Analytics
- Cloud Computing
- Context-awareness and Multimodal Interfaces
- Emerging Networks, Tracking & Sensing Technologies
- Human Computer Interaction
- Internet of Things (IoT)
- Mobile Networks, Protocols and Applications
- Modeling and Simulation in Transportation Sciences
- Service Oriented Computing for Systems & Applications
- Smart Cities and Climate Change Management
- Smart Environments and Applications
- Systems Security and Privacy
- Systems Software Engineering
- Vehicular Networks and Applications
- General: Distributed Systems, Networks & Applications



Venue
 ANT 2023 conference will be held in the city of Leuven. Leuven is the capital of the province of Flemish Brabant in Belgium. It is located about 25 kilometres east of Brussels. It is the 10th largest municipality in Belgium and the fourth in Flanders. Leuven is home to the Katholieke Universiteit Leuven, the largest and oldest university of the Low Countries and the oldest Catholic university still in existence. The related university hospital of UZ Leuven, is one of the largest hospitals of Europe. The city is also known for being the headquarters of Anheuser-Busch InBev, the world's largest brewer and one of the five largest consumer-goods companies in the world.

Submission of Papers

Original, unpublished papers are solicited for presentation at the ANT conference. Prospective authors are invited to submit papers (electronically, PDF only) that are no longer than 8 pages for full papers, including all figures and references, and must be formatted according to the conference guidelines found at: <http://cs-conferences.acadiu.ca/ant-23/#paperSubmissions>

Submitted papers will follow peer-review procedures, and accepted papers will be scheduled for oral presentations. Selected papers will be invited for publication, in the special issues of:

- Journal of Ambient Intelligence and Humanized Computing (IF: 4.594), by Springer
- Journal of Personal and Ubiquitous Computing (IF: 3.006), by Springer
- International Journal on Transportation Research Part A: Policy and Practice (IF: 3.992), by Elsevier
- International Journal of Computing and Informatics (IF: 0.504), by Computing and Informatics

At least one author of each accepted paper is required to register in the conference.

Publication

All accepted papers will be published by Elsevier Science in the open-access Procedia Computer Science series on-line. Procedia Computer Science is hosted by Elsevier on www.Elsevier.com and on Elsevier content platform ScienceDirect and will be freely available worldwide.

Deadlines

- Workshop Proposal: **Sep 15, 2022**
- Paper Submission Due: **Oct 15, 2022**
- Acceptance Notification: **Dec 12, 2022**
- Final Manuscript Due: **Jan 9, 2023**