

12th - 14th, November

Aml 2018

2018 European Conference on
Ambient Intelligence
Larnaca, Cyprus

<http://cyprusconferences.org/ami2018>

WELCOME

The 2018 European Conference on Ambient Intelligence (Aml 2018) has a focus on the role of Ambient Intelligence "Towards a Smart and Human-Centered Internet of Things". It will take place in Larnaca, Cyprus, from 12-14 November 2018. We invite submissions of full and short papers as well as posters, presenting original research. Aml 2018 is an interdisciplinary venue for leading international researchers, designers, and practitioners that present and discuss new results in Ambient Intelligence.

The Proceedings of the 2018 European Conference on Ambient Intelligence (Aml 2018) will be published by Springer in the Lecture Notes in Computer Science (LNCS) series.

Aml 2018 will build on the success of its predecessor conferences, which started in 2003 with the EUSAI-event in Veldhoven, The Netherlands, and later included editions of the European Conference on Ambient Intelligence, and the joint International Conference on Ambient Intelligence, which together sum a total of 14 of the most relevant events on Ambient Intelligence.

Aml 2018 will benefit from the strengths of this series like the tradition of being high-quality, rigorous and well-organized conferences. But it will also build on the experience gained and even on the weaknesses identified in past editions. We believe this conference should not only be an opportunity for publication, but also a means of community building and joint collaboration.

Therefore, for the 2018 edition, we are going to put the focus on quality, openness, synergy and usefulness of the conference, over size and other considerations.

To learn more about the conference series please visit the conference series website at www.ami-conferences.org

IMPORTANT DATES

- ◆ Paper and Poster Submission: **July 7th, 2018**
- ◆ Notification of Acceptance: **August 12th, 2018**
- ◆ Camera Ready Submission: **August 31st, 2018**
- ◆ Author Registration: **August 31st, 2018**
- ◆ Early (non-author) Registration: **September 25th, 2018**

Relevant research topics include, but are not limited to:

- Sensors and Actuators Networks
- Ambient Networking and Communication
- Mobile, Ubiquitous and Pervasive Computing
- Internet of Things and Interconnected devices
- Internet of Humans and Human Sensors
- Artificial Intelligence Models, Methods and Techniques
- Machine Learning, Data mining and Big Data
- Modelling Context Awareness and Location-based Services
- Agent Technologies and Multi-agent Platforms
- Cloud Computing for Intelligent Ambients
- Multimodal Human-Computer Interaction
- Virtual, Mixed and Augmented Reality
- Symmetric Interaction in Real and Virtual worlds
- Reliability, Assurance and Safety
- Security, Privacy and Trust
- Systems Architecture and Middleware
- Software Development Methodologies and Tools
- Robotic Companions
- Industrial Internet and Industry 4.0
- Sustainability and Fair Trade
- Smart Homes and Intelligent buildings
- Energy Efficiency
- Ambient Assisted Living
- Healthcare and Well-being
- Smart Cities
- Connected Cars and Autonomous Driving
- Pervasive Games in Hybrid Worlds
- Ambient Intelligence Education
- Evaluation methods and techniques for Trials
- Citizen science, Living labs, Maker communities

VENUE

Golden Bay Beach Hotel ☆☆☆☆☆

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BEST PAPER AWARD

The best paper award is graciously sponsored by Springer.



PUBLICATION

Proceedings of Aml 2018 will be published by Springer in the prestigious Lecture Notes in Computer Science (LNCS) series.



KEYNOTE SPEAKERS

TBA

PAPER SUBMISSION

Papers must be anonymized to facilitate blind review. Authors are encouraged to minimize any references that may reveal the identity of the authors and their institutions. Relevant references to an author's previous research should not be suppressed but instead referenced in a neutral way. Submissions will be accepted and managed using EasyChair. All papers and posters will be reviewed by at least three Program Committee members.

Paper submissions should respect the maximum number of pages for each category (including figures and references). All accepted full papers and posters will appear in the conference proceedings published by Springer. Papers must be submitted in PDF format adhering to the Springer format provided. Confidentiality of submissions is maintained during the review process. After acceptance, a final, revised camera-ready version of the paper will be required in electronic form for the proceedings.

Full papers (max. 16 pages)

Full papers should report original work in the field of Ambient Intelligence targeting any of the featured conference themes. Papers should clearly state contribution(s) in the paper and the abstract. Papers making one clear, significant contribution are more likely to be accepted than papers making several lesser contributions. Papers must identify and cite relevant published work and explain how the paper furthers state of the art within the field of Ambient Intelligence. Full paper submissions must not exceed 16 pages in length including references. Full papers must be presented at the conference in order to be included in the proceedings.

Short papers (6 pages)

Short papers should report original work addressing one of the featured conference themes. Compared to full papers, short papers can be more exploratory and preliminary in nature, provide only a brief summary of related work, but present a concrete contribution of a narrower and specific scope. Short papers must identify and cite briefly relevant published work and explain how it furthers state of the art. Short papers are submitted as notes that must not exceed 6 pages including references. Short papers will also be presented as Posters at the conference including a short pitch presentation.

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