

CALL FOR PAPERS

The 19th IEEE International Conference on Advanced Learning Technologies ICALT2019



Maceió, Alagoas, Brazil
July 15-18, 2019

<http://www.ieee-icalt.org>

Deadline: January 20, 2019

ICALT is an annual international conference on Advanced Learning Technologies and Technology-enhanced Learning organized by the IEEE Computer Society and the IEEE Technical Committee on Learning Technology. After its kick-off as IWALT in Palmerston North, New Zealand (2000), ICALT has been held in Madison, USA (2001), Kazan, Russia (2002), Athens, Greece (2003), Joensuu, Finland (2004), Kaohsiung, Taiwan (2005), Kerkade, The Netherlands (2006), Niigata, Japan (2007), Santander, Spain (2008), Riga, Latvia (2009), Sousse, Tunisia (2010), Athens, Georgia, USA (2011), Rome, Italy (2012), Beijing, China (2013), Athens, Greece (2014), Hualien, Taiwan (2015), Austin, Texas, USA (2016), Timisoara, Romania (2017), and Mumbai, India (2018).

The 19th IEEE International Conference on Advanced Learning Technologies (ICALT 2019) will be organized at the Federal University of Alagoas (UFAL), Maceió-Alagoas, Brazil. Elected the most beautiful coastal city of Brazil, Maceió has lush beaches and natural pools that attract tourists from all over the world. The tropical climate and its large coconut palms add a magical touch to the paradisiacal landscape. Its gastronomy is prescribed, with the regional dishes as a stuffed tapioca, hidden of meat of the sun, besides several seafood. A remarkable culture, which brings together art, music, crafts, dance and folguedos that make up the portrait of the Alagoas. A maritime island that offers bars and restaurants with varied attractions, and a hotel network ready to promote satisfaction and visitors.

ICALT 2019 will be hosted by the Center of Excellence for Social Technologies (NEES). NEES is a research group from the Computing Institute at the Federal University of Alagoas. It focuses on research and development of IT Solutions, generating scientific knowledge and promoting its transference for the society, companies and scientific community. Its vision is to be an international reference in the generation of knowledge, empowering people with social view and supporting new spin-offs related to social entrepreneurship and IT.

ICALT2019 KEYNOTE SPEAKERS

Seiji Isotani, University of São Paulo, Brazil
[more will be confirmed]

IMPORTANT DATES

January 20, 2019 February 2nd, 2019: Submissions of papers (Full paper, Short paper, Poster)

March 15, 2019: Authors' Notification on the review process results

April 20, 2019: Final Camera-Ready Manuscript and IEEE Copyright Form submission

April 20, 2019: Early Bird Registration

June 30, 2019: Deadline for booking accommodation at Conference Hotels on Special Rates

July 15-18, 2019: ICALT 2019 Conference

SUBMISSIONS

We invite submission of papers reporting original academic or industrial research in the area of on *Advanced Learning Technologies* and *Technology-enhanced Learning*. All papers will be double-blindly peer-reviewed. Complete papers are required to be reviewed. The expected types of submissions include:

The anticipated types of submissions for all tracks are:

- **Full paper:** 5 pages
- **Short paper:** 3 pages
- **Posters:** 2 pages

Please submit your manuscript using the EasyChair Conference System at:
<https://easychair.org/conferences/?conf=ieeeicalt2019>

If you have any problems with the above web submission form, you can contact ICALT 2019 Office at: icalt2019@gmail.com (Subject: "ICALT 2019 Submission Enquiry") and the Chairs will contact you for further assistance.

CONFERENCE ORGANIZATION

Hosted by

Center of Excellence for Social Technologies (NEES) / Federal University of Alagoas, Brazil

Laboratory of Computing Applied in Education(CAED) / University of São Paulo, Brazil

Organized by

The IEEE Computer Society

The IEEE Technical Committee on Learning Technology

Conference Proceedings are published by

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- Federal University of Alagoas, Brazil
- University of São Paulo, Brazil

CONTACT INFORMATION

General Inquiries: icalt2019@gmail.com

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Track Program Chairs

Track 1. Technologies for Open Learning and Education (i-OPENLearn)

Diana Andone [**coordinator**], Politehnica University of Timisoara, Romania
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Vincent Wai-Leuk Tam, University of Hong Kong, Hong Kong SAR, China
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Josep M. Duarte, Universitat Oberta de Catalunya, Spain

Track 2. Adaptive and Personalized Technology-Enhanced Learning (APTel)

Elvira Popescu [**coordinator**], University of Craiova, Romania
Yacine Atif, University of Skovde, Sweden
Simone de Sousa Borges, UFTPR, Brazil
Sabine Graf, Athabasca University, Canada
Sharon I-Han Hsiao, Arizona State University, USA
Kyparisia Papanikolaou, School of Pedagogical & Technological Education, Greece

Track 3. Wireless, Mobile, Pervasive and Ubiquitous Technologies for Learning (WMUTE)

Phillip Benachour [**coordinator**], Lancaster University, UK
Fabiano Dorça, Federal University of Uberlandia, Brazil
Gwo-Jen Hwang, National Taiwan University of Science and Technology, Taiwan
Eric Klopfer, Massachusetts Institute of Technology, USA
Marcelo Milrad, Linnaeus University, Sweden
Hiroaki Ogata, Kyushu University, Japan
Marcus Specht, Open University, The Netherlands

Track 4. Digital Game and Intelligent Toy Enhanced Learning (DIGITEL)

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Baltasar Fernández-Manjón, Complutense University of Madrid, Spain
Isabela Gasparini, UDESC, Brazil
Jon-Chao Hong, National Taiwan Normal University, Taiwan
Seng Yue Wong, University of Malaya, Malaysia

Track 5. Computer Supported Collaborative Learning (CSCL)

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Lanqin Zheng, Beijing Normal University, China
Yannis Dimitriadis, University of Valladolid, Spain

Track 6. Big Data in Education and Learning Analytics (BDELA)

Vive Kumar [**coordinator**], Athabasca University, Canada
Xiao Hu, The University of Hong Kong, Hong Kong
Dirk Ifenthaler, University of Mannheim, Germany & Curtin University, Australia
Demetrios G Sampson, University of Piraeus, Greece & Curtin University, Australia

Abelardo Pardo, The University of Sydney, Australia
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Track 7. Technology-Enhanced Science, Technology, Engineering and Math Education (TeSTEM)

Rita Kuo [**coordinator**], New Mexico Institute of Mining and Technology, USA
Alexandre Maciel, University of Pernambuco, Brazil
Margus Pedaste, University of Tartu, Estonia
Maggie M. Wang, The University of Hong Kong, Hong Kong

Track 8. Technology-Enhanced Language Learning (TELL)

Sridhar Chimalakonda [**coordinator**], Indian Institute of Technology Tirupati, India
Rafael Araújo, UFU, Brazil
Cheng-Ting Chen, Chung-Yuan Christian University, Taiwan
Katrin Saks, University of Tartu, Estonia
Jorge Villalón, Universidad Adolfo Ibáñez, Chile
Yun Wen, National Institute of Education, Singapore
Di Zou, The Education University of Hong Kong, Hong Kong

Track 9. Technology-Enabled Learning of Thinking Skills (TELoTS)

Chandan Dasgupta [**coordinator**], Indian Institute of Technology Bombay, India
Sahana Murthy, Indian Institute of Technology Bombay, India
Camilo Vieira, Universidad del Norte, Colombia

Track 10. Technology-Supported Education for People with Disabilities (TeDISABLE)

Charalampos Karagiannidis [**coordinator**], University of Thessaly, Greece
Fahriye Altinay, Near East University, Cyprus
Silvia Baldiris, Universidad Internacional de la Rioja (UNIR), Spain
Thais Castro, UFAM, Brazil
Mohamed Jemni, University of Tunis, Tunisia

Track 11. Artificial Intelligence and Smart Learning Environments (AISLE)

Nian-Shing Chen [**coordinator**], National Yunlin University of Science and Technology, Taiwan
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Kinshuk, University of North Texas, USA
Alke Martens, University of Rostock, Germany
Patrícia Jaques, UNISINOS, Brazil

Track 12. Augmented Reality and Virtual Worlds in Education and Training (ARVWET)

Tassos A. Mikropoulos [**coordinator**], University of Ioannina, Greece
Christian Gütl, Graz University of Technology, Austria
Morris S. Y. Jong, The Chinese University of Hong Kong, Hong Kong

Track 13. Motivational and Affective Aspects in Technology-Enhanced Learning (MA-TEL)

Charles Hodges [**coordinator**], Georgia Southern University, USA

Alicia Johnson, Virginia Tech, USA

Lin Lin, University of North Texas, USA

Brenda Cecilia Padilla Rodríguez, Autonomous University of Nuevo Leon, Mexico

Track 14. Technology-enhanced Assessment in Formal and Informal Education (TeASSESS)

Pedro Isaias, [**coordinator**], University of Queensland, Australia

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