CALL FOR PAPERS

The 18th IEEE International Conference on Advanced Learning Technologies
ICALT2018

IIT Bombay, Mumbai, India
July 9-13, 2018

http://www.ieee-icalt.org

Deadline: January 20, 2018


The 18th IEEE International Conference on Advanced Learning Technologies (ICALT2018) will be organized at the Indian Institute of Technology Bombay (IIT Bombay), Mumbai, India. IIT Bombay was set up in 1958 as the second in the chain of IITs, in post-independence India. Since then, IIT Bombay has grown to emerge as one of the top technical universities in the world. ICALT 2018 will be hosted by the Inter-Disciplinary Program in Educational Technology (IDP-ET) www.et.iitb.ac.in, set up in 2010 as an academic unit in IIT Bombay. The IDP-ET offers a PhD program. The focus of the IDP-ET is research, teaching and development projects to engineer research-based solutions that work under local conditions.

ICALT2018 KEYNOTE SPEAKERS
Dejian Liu, President and CEO of NetDragon Websoft, R.P. China
More to be added soon...

IMPORTANT DATES

January 20, 2018: Submissions of papers (Full paper, Short paper, Poster)
March 15, 2018: Authors’ Notification on the review process results
May 2, 2018:Authors’ Registration Deadline
May 2, 2018: Final Camera-Ready Manuscript and IEEE Copyright Form submission
May 16, 2018: Early Bird Registration
July 9-13, 2018: ICALT2018 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. There are fourteen tracks in ICALT 2018:-

Track 1. Technologies for Open Learning and Education (i-OPENLearn)
Track 2. Adaptive and Personalized Technology-Enhanced Learning (APTeL)
Track 3. Wireless, Mobile, Pervasive and Ubiquitous Technologies for Learning (WMUTE)
Track 4. Digital Game and Intelligent Toy Enhanced Learning (DIGITEL)
Track 5. Computer Supported Collaborative Learning (CSCL)
Track 6. Big Data in Education and Learning Analytics (BDELA)
Track 7. Technology-Enhanced Science, Technology, Engineering and Math Education (TeSTEM)
Track 8. Technology Enhanced Language Learning (TELL)
Track 9. Technology Enabled Learning of Thinking Skills (TELoTS)
Track 10. Technology Supported Education for People with Disabilities (TeDISABLE)
Track 11. Artificial Intelligence and Smart Learning Environments (AISLE)
Track 12. Augmented Reality and Virtual Worlds in Education and Training (ARVWET)
Track 13. Motivational and Affective Aspects in Technology-enhanced Learning (MA-TEL)
Track 14. Applications of Semantic Web technologies for Learning (SW-EL)

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=icalt2018](https://easychair.org/conferences/?conf=icalt2018).

If you have any problems with the above web submission form, you can contact ICALT 2018 Office at: icalt2018@gmail.com (Subject: ICALT2018 Submission Enquiry) and the Chairs will contact you for further assistance.

CONFERENCE ORGANIZATION

Hosted by
Indian Institute of Technology Bombay, India

Organized by
The IEEE Computer Society
The IEEE Technical Committee on Learning Technology

Conference Proceedings are published by
The IEEE Computer Society Conference Publishing Services
Supported by
- Indian Institute of Technology Bombay, India
- Centre for Development of Advanced Computing, India

CONTACT INFORMATION
General Inquiries: icalt2018@gmail.com

CONFERENCE COMMITTEES

General Chairs
Ronghui Huang, Beijing Normal University, R.P. China
Kinshuk, University of North Texas, USA
Demetrios G Sampson, University of Piraeus, Greece & Curtin University, Australia
Kannan Moudgalya, Indian Institute of Technology Bombay, India

General Program Chairs
Maiga Chang, Athabasca University, Canada
Nian-Shing Chen, National Sun Yat-sen University, Taiwan
Sahana Murthy, Indian Institute of Technology Bombay, India

Doctoral Program Chairs
Michail N. Giannakos, Norwegian University of Science and Technology, Norway
Elvira Popescu, University of Craiova, Romania
Rustam Shadiev, Nanjing Normal University, R.P. China

Publicity Chair
Diana Andone, Politehnica University of Timișoara, Romania
Vincent Wai-Leuk Tam, University of Hong Kong, Hong Kong

Local Committee Chair
Sridhar Iyer, Indian Institute of Technology Bombay, India

Finance Chair
Sridhar Iyer, Indian Institute of Technology Bombay, India

Conference Manager
Ashutosh Raina, Indian Institute of Technology Bombay, India

Local Organizing Committee
M. Sasikumar, Centre for Development of Advanced Computing, Mumbai, India; IIT Bombay, India
Ritayan Mitra, Indian Institute of Technology Bombay, India
Chandan Dasgupta, Indian Institute of Technology Bombay, India

Advisory Committee
Ignacio Aedo, Universidad Carlos III de Madrid, Spain
Mohamed Jemni, University of Tunis, Tunisia
Claude Frasson, University of Montreal, Canada
Michael Spector, University of North Texas, USA
Radu Vasiu, Politehnica University of Timișoara, Romania
S. Ramani, International Institute of Information Technology Bangalore, India
Deepak Phatak, Indian Institute of Technology Bombay, India
Mangala Sunder, Indian Institute of Technology Madras, India

ICALT 2018 Organizing Committee
Track Program Chairs

Track 1. Technologies for Open Learning and Education (i-OPENLearn@ICALT2018)
Diana Andone, Politehnica University of Timisoara, Romania [Co-ordinator]
Vanessa Chang, Curtin University, Australia
Paloma Diaz, Carlos III University of Madrid, Spain
Carmen Holotescu, Ioan Slavici University of Timisoara, Romania
Jiyou Jia, Peking University, China
Vincent Wai-Leuk Tam, University of Hong Kong, Hong Kong, China
Jon Dron, Athabasca University, Canada

Track 2. Adaptive and Personalized Technology-Enhanced Learning (APTeL@ICALT2018)
Elvira Popescu, University of Craiova, Romania [Co-ordinator]
Yacine Atif, University of Skovde, Sweden
Sabine Graf, Athabasca University, Canada
Sharon I-Han Hsiao, Arizona State University, USA
Kyparisia Papanikolaou, School of Pedagogical and Technological Education, Greece

Track 3. Wireless, Mobile, Pervasive and Ubiquitous Technologies for Learning (WMUTE@ICALT2018)
To be announced soon

Track 4. Digital Game and Intelligent Toy Enhanced Learning (DIGITEL@ICALT2018)
Maiga Chang, Athabasca University, Canada [Co-ordinator]
Baltasar Fernández-Manjón, Complutense University of Madrid, Spain
Ju-Ling Shih, National University of Tainan, Taiwan
Seng Yue Wong, University of Malaya, Malaysia

Track 5. Computer Supported Collaborative Learning (CSCL@ICALT2018)
Andreas Harrer, University of Applied Sciences Dortmund, Germany [Co-ordinator]
Andreas Lingnau, Humboldt Universität zu Berlin, Germany
Lanqin Zheng, Beijing Normal University, China
Stavros Demetriadis, Aristotle University of Thessaloniki, Greece
Yannis Dimitriadis, University of Valladolid, Spain

Track 6. Big Data in Education and Learning Analytics (BDELA@ICALT2018)
Vive Kumar, Athabasca University, Canada [Co-ordinator]
Demetrios Sampson, University of Piraeus, Greece, and Curtin University, Australia
Dirk Ifenthaler, University of Mannheim, Germany and Curtin University, Australia
Xiao Hu, The University of Hong Kong, Hong Kong
Abelardo Pardo, University of Sydney, Australia
Track 7. Technology-Enhanced Science, Technology, Engineering and Math Education (TeSTEM@ICALT2018)
Rita Kuo, New Mexico Institute of Mining and Technology, US [Co-ordinator]
Maggie M. Wang, The University of Hong Kong, Hong Kong
Margus Pedastre, University of Tartu, Estonia

Track 8. Technology Enhanced Language Learning (TELL@ICALT2018)
Yu-Ju Lan, National Taiwan Normal University, Taiwan [Co-ordinator]
Meei-Ling Liaw, National Taichung University of Education, Taiwan
Pei-Lin Liu, National Chiayi University, Taiwan
Katrin Saks, University of Tartu, Estonia
Wen Yun, Nanyang Technological University, Singapore

Track 9. Technology Enabled Learning of Thinking Skills (TELoTS@ICALT2018)
Sridhar Iyer, Indian Institute of Technology Bombay, India [Co-ordinator]
Chandan Dasgupta, Indian Institute of Technology Bombay, India [Co-ordinator]
Ramkumar Rajendran, Vanderbilt University, USA
Amali Weerasinghe, University of Adelaide, Australia

Track 10. Technology Supported Education for People with Disabilities (TeDISABLE@ICALT2018)
Charalampos Karagiannidis, University of Thessaly, Greece [Co-ordinator]
Fahriye Altinay, Near East University, Cyprus
Silvia Baldiris, Universidad Internacional de la Rioja (UNIR) (Spain)
Jemni Mohamed, University of Tunis, Tunisia

Track 11. Artificial Intelligence and Smart Learning Environments (AISLE@ICALT2018)
Kinshuk, University of North Texas, USA [Co-ordinator]
Nian-Shing Chen, National Sun Yat-sen University, Taiwan
Ronghui Huang, Beijing Normal University, China
Wu-Yuin Hwang, National Central University, Taiwan
Alke Martens, University of Rostock, Germany

Track 12. Augmented Reality and Virtual Worlds in Education and Training (VWET@ICALT2018)
Tassos A. Mikropoulos, University of Ioannina, Greece [Co-coordinator]
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@ICALT2018)
Charles Hodges, Georgia Southern University, USA [coordinator]
Alicia Johnson, Virginia Tech, USA
Lin Lin, University of North Texas, USA
Brenda Cecilia Padilla Rodríguez, Autonomous University of Nuevo Leon, Mexico
Track 14. Applications of Semantic Web technologies for Learning (SW-EL@ICALT2018)
Francesco Orciuoli, University of Salerno, Italy [Co-ordinator]
Fernando Bobillo. Universidad de Zaragoza, Spain
Ig Bittencourt, Universidade Federal de Alagoas (UFAL), Brazil
Marek Reformat, University of Alberta, Canada
Giuseppe Fenza, University of Salerno, Italy
Sergio Miranda, University of Salerno, Italy
Carlos Bobed, University of Rennes, CNRS, IRISA, France