

Call for Papers
"Talking about Teaching 2019" (TaT'19)
IGIP Special Session @ 22nd International Conference on Interactive Collaborative Learning
25-28 September 2019, Bangkok, Thailand
<http://www.icl-conference.org/current/>

*Smart industries, smart homes, and smart societies bring new challenges to our teaching and learning practices. Solving the engineering problems of tomorrow will require blending new knowledge with established concepts, new skills with proven abilities, and new tools with existing processes. Therefore, the **Special Track** of the International Society for Engineering Pedagogy (IGIP), Talking about Teaching (TaT'xx), **within** the annual ICL Conference and the IGIP Annual Conference, provides an opportunity for the engineering education community to debate and share ideas, approaches, developments, and experiences.*

The organizers of TaT'19 also invite IGIP working group members to present the results of their activities collaboratively as part of the Special Track.

Topics in TaT'19 are diverse and focused on the improvement of engineering education practices. These might include engineering education resources, the use of technologies for teaching, recognizing diversity and supporting inclusion, professional development for engineering educators, the role of engineering education in STEM learning, and engineering leadership in society.

Topics of Interest

- **Virtual Universities**
 - Distance education (e-learning and b-learning)
 - Sharing resources and increasing multicultural components in EE
 - Outreaching the pre-university population
 - Learning and the MOOCs
- **Research in EE**
 - Development of higher order thinking skills
 - Using research to motivate engineering students
 - Students mentoring and tutoring
 - Assessment of learning outcomes
 - Teachers' professional development
 - International recognition of engineering educators
- **Emergent Technologies in EE**
 - Online engineering
 - Mobile/wireless technologies in education
 - 3D applications and virtual reality
 - Multimedia for learning
 - Adding haptics information
 - Virtual and augmented reality
 - Technology enhanced learning
 - Learning management systems
 - AI in Engineering Education
 - K-12 Education
 - Developing tools for children with special needs
- **University & Industry**
 - Lifelong learning
 - University & industry programs and experiences
 - Learning outcomes & employability
 - Labor challenges for the future engineers

Special Session Program Committee *(to be completed)*

Maria Teresa Restivo, University of Porto, PT (Co-Chair)
Alberto Cardoso, University of Coimbra, PT (Co-Chair)
José Couto Marques, University of Porto, PT (Co-Chair)
Susan Zvacek, Independent Consultant, USA (Co-Chair)
Aida Guerra, Aalborg University, DK
Amélia Loja, Polytechnic Institute of Lisbon, PT
Amani Magid, NYU, Abu Dhabi
Andreas Pester, Carinthia University of Applied Sciences, AT
Armando P. Preciado-Babb, University of Calgary, CA
Aruquia Peixoto, CEFET/RJ, BR
Axel Zafoschnig, IGIP, AU
Bárbara Rangel, University of Porto, PT
David Boehringer, Universität Stuttgart
Diana Urbano, University of Porto, PT
Dragan Šešlija, University of Novi Sad, RS
Carina Gonzalez, Universidad de La Laguna, ES
Fatima Chouzal, University of Porto, PT
Filomena Soares, University of Minho, PT
Hélia Guerra, University of the Azores, PT
Ito Emembolu, Northumbria University, UK
James Wolfer, Indiana University South Bend, US
Katarina Zakova, Slovak University of Technology, SK
Klinger Thomas, Carinthia University of Applied Sciences, AT
Luis de La Torre, UNED, Madrid, ES
Luis Mendes Gomes, University of the Azores, PT
Manuel Castro, UNED, Madrid, ES
Maria da Graça Rasteiro, Univ Coimbra, PT
Radojka Krneta, University of Kragujevac, RS
Rebecca Strachan, Northumbria University Newcastle, UK
Roderval Marcelino, Universidade Federal de Sta Catarina, BR
Rubén Heradio, UNED, Madrid, ES
Stavros Nikou, University of Strathclyde, UK
Teresa Larkin, American University, USA
Tiiia Rütümann, Tallinn University of Technology, EE
Tomas Klingler, Carinthia University of Applied Sciences, AT
Veronica Thurner, Munich University of Applied Sciences, DE

Articles submitted to *TaT'19* will follow the Conference Submission System:

http://www.icl-conference.org/current/paper_preparation.php

Only presented papers uploaded before deadlines will be published in the Proceedings in the Springer series "Advances in Intelligent Systems and Computing". The books of this series are submitted to Clarivate Analytics for indexing in Web of Science and CPCI (formerly Thomson-Reuters WoS and CPCI). Clarivate Analytics and CPCI will evaluate the publications and select which ones they will index.

Important Dates

03 Jun 2019	Submission of complete papers (short papers and works in progress)
28 Jun 2019	Notification of Acceptance
22 Jul 2019	Camera-ready due and Author Registration Deadline
25 Sep 2019	Conference Opening

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