

Special Track "Inclusion and Diversity in Engineering Education"

(IDEE'18)

<http://www.educon-conference.org/educon2018/index.php>

Engineering should attract, promote, foster and retain talents, considering that individuals are different and they can have characteristics that can require flexibility in the education system in order to guarantee equal opportunities of anyone regardless their gender, race or condition. These characteristics can make the developing of their skills more challenging for the students and also for the educational institutions and their professionals.

Some of these characteristics can have a physical reason, such as deafness or blindness, other can be neurological, like autism or attention deficit hyperactivity disorder (ADHD), and other students can be part of groups that are still underrepresented in academia, like women, or they belong to some minorities or ethnical groups.

The IDEE'18 at EDUCON 2018 aims to start a discussion and a reflection about the diversity and inclusion in Engineering Education (EE), identifying the problems and proposing solutions. It also wants to create a bridge from schools to universities, highlighting that many problems that are visible in universities are the results of base problems that appear in early stages of education.

This special track wants to promote new ways to face and deal with the problem of the lack of representativeness in science, technology, engineering and math (STEM).

The topics include (but are not limited to):

- Supporting young female students to enter the Engineering courses
- Supporting graduate and undergraduate female students to complete the course
- Supporting the development of the careers of women
- Students with special needs
- Technologies as a tool to integrate students
- Fostering underrepresented Groups in the Universities
- Peripheral regions, Diversity and Development
- Diversity and entrepreneurship
- Extension projects from university to foster inclusiveness
- Public policies for inclusion
- Diversity and job market
- Inclusion and diversity for K-12 education
- Support for professional transition to Engineering
- Support for lifelong learning and training

Program Committee

Chair of IDEE'18:

Aruquia Peixoto, CEFET/RJ, Brazil, aruquia@gmail.com

IDEE'18 Program Committee:

Augusto da Cunha Reis, CEFET/RJ, Brazil

Ana Luiza Lima de Souza, CEFET/RJ, Brazil

Andrea Justino Ribeiro Mello, CEFET/RJ, Brazil

Balamuralithara Balakrishnan, University Pendidikan Sultan Idris, Malaysia
Carina Gonzalez, Universidad de La Laguna, Spain
Denis Vavougios, University of Thessaly, Greece
Herlander Costa Alegre da Gama Afonso, CEFET/RJ, Brazil
José Andre Villas Boas Mello, CEFET/RJ, Brazil
Julia Merino, Tecnia, Spain
Manuel Castro, Universidad Nacional de Educación a Distancia, Spain
Manuel Blazquez, HEI Ramiro de Maeztu, Spain
Pedro Plaza, Plaza Robotica, Spain
Rebecca Strachan, Northumbria University, United Kingdom

Deadlines

Nov. 20, 2017 Paper Submission

Dec. 22, 2017 Notification of Acceptance

Feb. 02, 2018 Author registration and Payment and Final/Camera-ready Due

Apr. 17, 2018 Pre-Conference Workshops

Apr.18-20, 2018 EDUCON 2018