

The Future of Engineering Education
Parallel Sessions I

Science and Technology Education: Economic and Societal Impacts

Time: 2 April 2020, 11am – 1pm
Venue: Congress Centre Darmstadtium

Abstract

How can engineering education strengthen its impact on our society and economy? How can engineering education have an impact on regional growths and local economies? How can engineering education stimulate entrepreneurship and creative technology application for a better wellbeing of all groups in our society?

During the first part of the session these aspects will be treated at the level of bachelor studies (USE courses to connect technology and society), master degrees (entrepreneurship bringing science and technology to the society) and PhD research in engineering (translating research into innovation). In the second part an interactive round table will elaborate on the future role of science and technology for our society.

Keywords and concepts

Entrepreneurship in science and technology, roles and responsibility, local and economic impact

Programme

- 11.00 – 11.10** Introductory remarks
- 11.10 – 11.30** Prof. Lex Lemmens, Dean of the Bachelor's College, TU/e:
USE (Users, Society, Enterprises) Learning Trajectory in the Bachelor Degree
- 11.30 – 11.50** Ms. Tine Van Lommel, KU Leuven:
Entrepreneurship bringing science and technology to the society
- 11.50 – 12.10** Prof. Francesc Solé Parellada, UPC:
Translation of Research into Innovation
- 12:10 – 13.00** Round Table:
The Role for our Society of Science and Technology Activities at Universities in the XXI Century

Participating in the session planning

UPC Polytechnic University of Catalonia and KU Leuven

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