

The Future of Engineering Education  
Parallel Sessions II

## Industry-University Relations and their Impact in Education

Time: 14.00 – 16.00

Venue: Congress Centre Darmstadtium

### Abstract

All CLUSTER universities have close ties with industrial partners regarding research and teaching activities. With reference to reviewing and discussing current education approaches and industry needs, this session will address questions regarding future engineering education and research. The following three phases will be in the focus of the discussion: Pre-study phase: How can we make technical engineering attractive to excite the young generation? Study phase: How can we jointly define education goals with industry to foster employability of graduates in the industrial AND the academic field? Where are the limits? Post-graduate-phase: How can industry profit from scientific research at all technology readiness levels (TRL)?

### Keywords and concepts

Knowledge Innovation Centers

Impulses und opportunities for education offered by the Innovation Alliance of Deutsche Bahn and TU Darmstadt

Industry's strategic search for talents at universities

Digitalization

Mutual expectations

### Programme

14.00 Eva Herzog, Deutsch Bahn (Lecture)

14.15 Stefan Östlund, KTH (Lecture)

14.30 Maarten Steinbuch, TU/e (Lecture)

14.45 Students' experience (Talk)

15.05 Eva Herzog, Stefan Östlund and Maarten Steinbuch (Talk)

15.25 Open Discussion

### Contributors

Stefan Östlund, Vice president for global relations at KTH Royal Institute of Technology in Stockholm, Sweden; Member of the board of InnoEnergy AB, the Swedish node of EIT KIC InnoEnergy

Eva Herzog, responsible for the company's talent acquisition of Deutsche Bahn

Maarten Steinbuch

And others

### Participating in the session planning

Karlsruhe Institute of Technology, Technische Universität Darmstadt

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