



WORLDWIDE PERSPECTIVES OF ADAPTING ENGINEERING EDUCATION TO CHANGE

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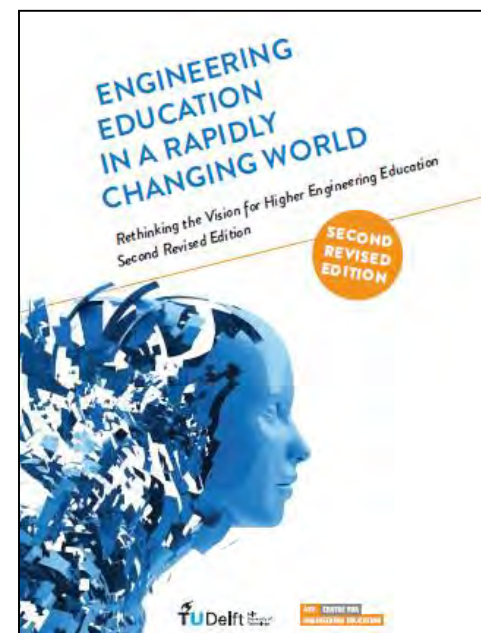


UNIVERSITY OF TWENTE.



Today's changing world

- Accelerating change
- Faster communication
- Hyperconnectedness
- Blurring boundaries
- Less hierarchy
- Infinite speed access to infinite data
- Emerging technologies (learning machines, Industry 4.0,...)
- Open-sourced networks
- Shorter innovation cycles
- Liberalisation and monetisation of education and research
- New business concepts (products become services)



Gaining prominence in engineering

- agility and resilience
- algorithmic thinking and programming
- business acumen
- creativity and innovation
- employability and lifelong learning
- engineering ethics
- entrepreneurial behaviour
- intercultural collaboration
- interdisciplinary thinking
- mobility
- systems and holistic thinking

in alphabetical order

3 * 3 presentations

Europe

US

Asia/Pacific

A	B	C
Danish Technical University	INSA Lyon	Lund University
University of Michigan	Franklin Olin College	Lehigh University
City University of Hong Kong	Hong Kong Polytechnic University	University of Newcastle

Concurrent Session 2

11h00 - 12h00

- First 3 parallel session:
 - 3 simultaneous presentations Pecha-Kucha style (25 min)
 - **2 volunteering “minute takers” record remarkable observations on flipcharts**
- Then convene in plenary session:
 - 3 * 5-minute briefings by minute takers
 - 20 min plenary discussion: trends and synthesis?