Teaching and Learning Thermodynamics in a Time of Change

Symposium

Hosted by
Prof. Piero Colonna

July 5th, 2019
Science Centre,
TU Delft

TU Delft

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Teaching and Learning Thermodynamics in a Time of Change

Will studying and teaching the science of energy be different in a time of energy transition and of striving for sustainability? Does the thermodynamics-savvy engineer who graduates today or next year still match the expectations of the industry? Five years from now will we still teach in classrooms?

It is my pleasure to invite you to Delft this summer to discuss whether we are future-proof.

Programme

12:30 – 13:30 Lunch

13:30 – 13:40 Welcome by Calvin Rans (TU Delft), best Dutch lecturer of the year 2019

13:40 – 14:00 Book presentation

14:00 – 14:40 Teaching Thermodynamics? Mini-lectures by:

- Prof. Andre Bardow, Professor of Technical Thermodynamics, RWTH Aachen University
- Prof. G. P. Beretta, Professor of Fluid and Thermal Sciences, University of Brescia
- Prof. P. Colonna, Professor of Propulsion and Power, TU Delft
- Prof. J. Gross, Professor of Technical Thermodynamics, University of Stuttgart
- Prof. T. Vlugt, Professor of Engineering Thermodynamics, TU Delft

14:40 – 15:00 Coffee break

15:00 – 17:00 Panelists debate “The Future of Thermodynamics” followed by open mike.
Moderator: Dr. Arvind Gangoli Rao, Propulsion and Power, TU Delft

Including: book presentation

W. C. Reynolds and P. Colonna

Thermodynamics: fundamentals and engineering applications

Cambridge University Press, 2018.

I look forward to meeting you in our charming Delft.
Let’s enrich our conversation on Thermodynamics Education and inspire each other on this important topic!

For registration click here.

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