



Workshop on Teaching Thermodynamics

On several occasions^{1,2}, it has been stressed that one of the major responsibilities of the community of specialists in Physico-Chemical properties is the training of practicing engineers towards an adequate understanding of the physical phenomena, the fluid phase behavior and the capacities and limitations of the many models available in process simulators.

The EFCE Working Party on Thermodynamic and Transport Properties therefore proposes to join forces during the PPEPPD workshop in view of **elaborating a “best practices” guideline** that could be of use to all teachers who are confronted with this teaching.

Three questions will be debated during the two hour workshop:

- (1) How to avoid that Y and Z generation students get bored by scientific teaching and remember the most important principles?
- (2) What are the priority issues that practicing process engineers need to master for avoiding major mistakes in their design?
- (3) Can we define best practices that would be recommended in teaching applied chemical engineering thermodynamics?

Come with your experiences, requests, ideas, proposals. You can send them to any of the session organizers below who will make sure they are brought up and discussed.

We hope to see you in great number!

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¹ Chem. Eng. Res. Des.(2018), 137, A1-A8 (<https://doi.org/10.1016/j.cherd.2018.08.010>)

² OGST(2013) 68, 2, 187-215 (<https://doi.org/10.2516/ogst/2013|20>)