

Thermochemical Database (TDB) Project course:
Thermodynamic data collection and assessment
14 September 2019
Uji Campus, Kyoto University, Kyoto (Japan)

Instructors: Marcus Altmaier (KIT/INE), Xavier Gaona (KIT/INE), Maria-Eleni Ragoussi (NEA), Don Reed (LANL) and Lara Duro (Amphos21)

Course Outline

Time	Topic
9:00 – 9:30	Social time / refreshments
9:30 – 9:45	Introductions (All instructors)
9:45 – 10:00	Perspectives - international updates (Reed)
10:00– 10:30	NEA-TDB - Background and historical viewpoint (Ragoussi)
10:30 – 10:45	Coffee Break (provided)
10:45 – 11:15	NEA-TDB reference material and processes (Reed)
11:15 – 12:30	Experimental approaches and design (Altmaier)
12:30 – 1:30	Box Lunch (provided)
1:30 – 3:00	NEA-TDB guidelines for ionic strength corrections. Practical SIT exercise (Gaona)
3:00 – 3:15	Coffee Break (provided)
3:15 – 4:30	Critical review criteria within NEA-TDB: detailed walkthrough of two examples: (Gaona) <ul style="list-style-type: none"> • stand-alone paper • review in context of several papers
4:30 – 5:30	Implementer Perspectives: Use of The NEA-TDB Data in Predicting Repository Performance (Duro)
5:30 – 5:45	Wrap-up and feedback questionnaire (Ragoussi)