



2nd ISMEC-NECTAR Training School
on the Determination, Analysis and Use of Thermodynamic Data
Advances in **SOL**ution Equilibria

DETAILED PROGRAMME (CET)

2 nd ISMEC-NECTAR Training School Programme					
Monday, July 25 th		Tuesday, July 26 th		Wednesday, July 27 th	
09:30 - 09:40	Opening Ceremony			9:30 - 10:20	Bojan Šarac / Žiga Medoš (Univ of Ljubljana, Slovenia)
09:40 - 10:40	Enrique Garcia-España (Univ of Valencia, Spain)	9:30 - 10:50	Maria Rosa Beccia (Univ of Nice, France)	10:30 - 11:20	Matteo Savastano (Univ of Florence, Italy)
10:40 - 11:00	Coffee Break	10:40 - 11:00	Coffee Break	11:20 - 11:40	Coffee Break
11:00 - 12:00	Giampaolo Barone (Univ of Palermo, Italy)				
12:00 - 12:30	Elżbieta Gumienna-Kontecka (Univ of Wroclaw, Poland)	11:10 - 12:30	Mauro Formica (Univ of Urbino, Italy)	11:40 - 12:30	Marija Bešter Rogač (Univ of Ljubljana, Slovenia)
12:40 - 13:00	Q & A	12:40 - 13:00	Q & A	12:40 - 13:00	Q & A
13:00 - 15:00	Lunch Break	13:00 - 15:00	Lunch Break		
15:00 - 16:20	Caren Billing (Univ of Witwatersrand, South Africa)	15:00 - 16:20	Oluseun Akintola (Univ of Jena, Germany)		
16:20 - 16:40	Coffee Break	16:20 - 16:40	Coffee Break		
16:40 - 18:00	Gabriele Lando (Univ of Messina, Italy)	16:40 - 18:00	Nóra V. May (Research Centre for Natural Sciences, Hungary)		
18:00 - 18:30	Q & A	18:00 - 18:30	Q & A		

Monday, July 25th

9:30 – 9:40 Opening

9:40 – 10:40 “Supramolecular Chemistry in water. Case reports”
Enrique Garcia-España (University of Valencia, Spain)

10:40 – 11:00 *Coffee Break*

11:00 – 12:00 “Structure, stability and metal coordination of ligands in solution investigated by DFT calculations”
Giampaolo Barone (University of Palermo, Italy)

12:00 – 12:30 "How to present your research with impact"
Elżbieta Gumienna-Kontecka (University of Wroclaw, Poland)

12:40 – 13:00 Q&A

13:00 – 15:00 Lunch Break

Chair Demetrio Milea

15:00 – 16:20 “Principles and approach when using polarography to determine stability constants”

Caren Billing (University of the Witwatersrand, South Africa)

16:20 – 16:40 Coffee Break

16:40 – 18:00 “Practical aspects in using differential pulse voltammetry in speciation studies”

Gabriele Lando (University of Messina, Italy)

18:00 – 18:30 Q&A

Tuesday, July 26th

Chair Tarita Biver

9:30 – 10:50 “X-ray Absorption Spectroscopy: basic principles and practical aspects ”

Maria Rosa Beccia (University of Nice, France)

10:50 – 11:10 Coffee Break

11:10 – 12:30 “Determination of stability constants using spectrophotometric data: from theory to practice”

Mauro Formica (University of Urbino, Italy)

12:40 – 13:00 Q&A

13:00 – 15:00 Lunch Break

Chair Sofia Gama

15:00 – 16:20 “A general introduction to the fundamentals of EPR spectroscopy”

Oluseun Akintola (University of Jena, Germany)

16:20 – 16:40 Coffee Break

16:40 – 18:00 “How to use EPR Spectroscopy in Solution Speciation Studies of Paramagnetic Transition Metal Complexes”

Nóra V. May (Research Centre for Natural Sciences , Hungary)

18:00 – 18:30 Q&A

Wednesday, July 27th

Morning Session - Chair Carmelo Sgarlata

9:30 – 10:20 “From basic principles of isothermal titration calorimetry to complex data analysis ”

Bojan Šarac and Žiga Medoš (University of Ljubljana, Slovenia)

10:30 – 11:20 “The ITC tool in Supramolecular Chemistry”

Matteo Savastano (University of Florence, Italy)

11:20 – 11:40 Coffee Break

11:40 – 12:30 “Application of calorimetry in research”

Marija Bešter Rogač (University of Ljubljana, Slovenia)

12:40 – 13:00 Q&A - Closing