



Workshop
Mercure Budapest Castle Hill

	Sunday 4th October
10:00 - 11:00	Registration
11:00 - 11:10	OPENING
11:10 - 12:10	The real Alchemie: chemical analysis with neutrons, Zsolt Revay, TU München
12:10 - 12:30	Coffee Break
12:30 - 13:00	BNC past, now and future, Zoltán Dudás, BNC
13:00- 13:40	Introduction to Transmission Electron Microscopy, Corneliu Ghica, CERIC
13:40 - 14:40	Lunch
14:40 - 15:20	Ion Beam Analysis: From routine analysis techniques to state-of-the-art applications, Zdravko Siketic, CERIC
15:20 - 16:00	NMR spectroscopy as a versatile tool in structural studies, Janez Plavec, CERIC
16:00 - 18:00	Flash Presentations of Participants + Poster session +Welcome party

Central European Training School on Neutron Techniques

KFKI campus

2026, Budapest Neutron Centre

	Monday 5th October	Tuesday 6th October	Wednesday 7th October	Thursday 8th October	Friday 9th October
Morning session	8:30 - 9:30 Neutrons for Materials Science, László Rosta, BNC	08:30 - 09:30 Prompt gamma activation analysis, Boglarka Maróti, BNC			
	09:30 - 09:45 Break	9:30 - 10:00 Application of neutron-based analytical techniques in electronic waste characterization, Noémi Buczkó, BNC	9:00 - 12:00 Practical work by groups	9:00 - 12:00 Practical work by groups	9:00 - 12:00 Practical work by groups
	09:45 - 10:45 Introduction to neutron scattering Márton Markó, BNC	10:00 - 10:15 Break			
	10:45 - 11:00 Break	10:15 - 12:00 Small angle neutron scattering and Pulsed reactor neutrons for structural biophysics, Norbert Kučerka, Comenius University in Bratislava			
	11:00 - 12:00 Neutron imaging in a broader perspective, Robert Zboray, EMPA				
12:00 - 13:00	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon session	13:00 - 14:00 Basic powder diffraction and the Rietveld refinement, Indu Dhiman, TU Delft	13:00 - 14:00 Heritage Sciences at the Budapest Neutron Centre, Veronika Szilágyi, BNC	13:00 - 16:00 Practical work by groups	13:00 - 16:00 Practical work by groups	13:00 - 13:20 CLOSING
	14:00 - 14:30 Introduction to neutron reflectometry, Dániel Géza Merkel, Wigner RCP	14:00 - 14:30 SELFAQUASENS project: Exploring the potentials of porous materials for an environmentally greener mining, Roberto Fernández de Luis, BCMaterials			Visit to Mirrotron Ltd. Company
	14:30 - 14:45 Break	14:30 - 14:45 Break			
	14:45 - 15:45 Exploring Dynamics with Neutrons: An Introduction to Time-of-Flight Spectroscopy, Margarita Russina, HZB	14:45 - 15:15 Probing magnetism from bulk alloys to the nanoscale with neutrons, José María Porro Azpiazu, BCMaterials			
	Selected oral presentations of the participants	Wrap-Up Assessment (Kahoot Quiz)			
				19:00 Dinner	