13th School on Atom Probe Tomography Rouen October 25-29, 2021

cnrs · GPM Groupe de Physique des Matériaux · Université de Rouen Normandie · Normandie Université

LabexEMC³ ENERGY MATERIALS & CLEAN COMBUSTION CENTER

	MON 25	TUE 26	WED 27	THU 28	FRI 29
8 AM					
9 AM	Welcome, 9:30am Introduction to APT (D. Blavette) 10am – 12pm	Laser-assisted APT (A. Vella) 9 – 10am Coffee Break, 10am 3D reconstruction (B. Klaes) 10:30am – 12pm	Hydrogen analysis by APT (B. Gault) 9 – 10am Coffee Break, 10am Data Processing (G. Da Costa) 10:30am – 12pm	Atom Probe Microscopy and Surface Dynamics (S. Lambeets) 9 – 10am Coffee Break, 10am APT detectors (G. Da Costa) 10:30 – 11:30am Field Ion Microscopy (F. Danoix) 11:30am – 12:30pm	Data Mining Concepts (W. Lefebvre) 9 – 10am Coffee Break, 10am Combining APT and Spectroscopy (L. Rigutti), 10:30am Correlative Microscopy (W. Lefebvre) 11am – 12pm
10 AM					
11 AM					
12 PM					
1 PM					
2 PM	Theory of field ionization and evaporation (F. Vurpillot) 2 – 3pm Time of flight spectroscopy and composition measurements 3 – 4pm (S. Rouland) Coffee Break, 4pm Practicals: PA electropolishing (S.Rouland) PB FIB (I.Blum) 4:30 – 6pm	Compositional Accuracy (L. Rigutti) 1:30 – 2:30pm APT Sample Preparation (I. Blum) 2:30 – 3:30pm Coffee Break, 3:30pm Practicals: PA electropolishing (W.Lefebvre); PB FIB (I.Blum) 4 – 5:30pm	Practicals: PE Laser Assisted APT (L. Rigutti); PF Data Processing (G. Da Costa) 1:30 – 3:30pm Practicals: PE Laser Assisted APT (L. Rigutti); PF Data Processing (G. Da Costa) 3:30 – 5:30pm	Practicals: PC FIM (B. Klaes); PD APT Analysis (A. Zakirov) 2 – 3:30pm Practicals: PC FIM (B. Klaes); PD APT Analysis (A. Zakirov) 3:30 – 5pm	
3 PM					
4 PM					
5 PM					
6 PM					