

PROGRAM OF THE COURSE

Monday 25th November <i>auditorium on the ground floor, No. 0.195</i>		
8:30 – 9:00	Registration	
9:00 – 9:15	Introduction/layout of the course	Vlada Filimoněnko
9:15 – 9:35	Short presentations of the participants	Participants
9:35 – 10:20	Sample preparation for transmission electron microscopy	Andreas Nowak
10:20 – 10:30	<i>Coffee break</i>	
10:30 – 11:15	Cryo sample preparation techniques for TEM / cryo TEM & their applications	Andreas Nowak
11:15 – 13:30	Practical sessions in two groups - Tokuyasu technique – UC Enuity (room 0.195) - group yellow - HPF and AFS (room 01.155.1) – group purple	Andreas Nowak Pavla Molínová
13:30 – 14:00	<i>Lunch</i>	
14:00 – 16:15	Practical sessions in two groups - Tokuyasu technique – UC Enuity (room 0.195) - group yellow - HPF and AFS (room 01.155.1) – group purple	Andreas Nowak Dominik Pinkas
16:15 – 17:00	Q&A / application questions concerning entire sample prep techniques	
Tuesday 26th November		
09:00 – 9:50	Theory: Basics of TEM – <i>auditorium No. 0.195</i>	Régis Ravelle-Chapuis
9:50 – 10:00	<i>Coffee break</i>	
10:00 – 13:00	Practical sessions in three groups - JEM-1400 Flash (room 01.152) – group 1 - CM 100 (building "U") – group 2 - JEM-F200 „F2“ (room 01.150) – group 3	Dominik Pinkas Oldřich Benada Régis Ravelle-Chapuis
13:00 – 14:00	<i>Lunch</i>	
14:00 – 17:00	Practical sessions in three groups - JEM-1400 Flash (room 01.152) – group 3 - CM 100 (building "U") – group 1 - JEM-F200 „F2“ (room 01.150) – group 2	Dominik Pinkas Oldřich Benada Régis Ravelle-Chapuis
Wednesday 27th November		
09:00 – 12:00	Practical sessions in three groups - JEM-1400 Flash (room 01.152) – group 1 - CM 100 (building "U") – group 2 - JEM-F200 „F2“ (room 01.150) – group 3	Dominik Pinkas Oldřich Benada Régis Ravelle-Chapuis
12:00 – 13:00	<i>Lunch</i>	
13:00 – 13:50	Theory: Alignments in TEM; TEM in life sciences – applications and solutions– <i>auditorium No. 0.195</i>	Régis Ravelle-Chapuis
13:50 – 14:00	<i>Coffee break</i>	
14:00 – 17:00	Practical sessions in three groups - JEM-1400 Flash (room 01.152) – group 1 - CM 100 (building "U") – group 2 - JEM-F200 „F2“ (room 01.150) – group 3	Dominik Pinkas Oldřich Benada Emanuel Katzman
18:30 – ?	COURSE DINNER – Jeol sponsored	
Thursday 28th November		
09:00 – 12:00	Practical sessions in three groups - JEM-1400 Flash (room 01.152) – group 3 - CM 100 (building "U") – group 1 - JEM-F200 „F2“ (room 01.150) – group 2	Dominik Pinkas Oldřich Benada Emanuel Katzman
12:00 – 13:00	<i>Lunch</i>	
13:00 – 13:50	Theory: Cryo TEM - <i>auditorium No. 0.195</i>	Emanuel Katzman
13:50 – 14:05	Short test	
14:05 – 14:15	<i>Coffee break</i>	
14:15 – 17:15	Practical sessions in three groups - JEM-1400 Flash (room 01.152) – group 2 - CM 100 (building "U") – group 3 - JEM-F200 „F2“ (room 01.150) – group 1	Dominik Pinkas Oldřich Benada Emanuel Katzman

Friday 29th November

09:00 – 11:00	- Cryo-TEM – demo of sample preparation (room 01.155.1, group yellow) - Cryo-TEM – demo: imaging basics – (room 01.150, group purple)	Dominik Pinkas Emanuel Katzman
11:00 – 12:00	<i>Lunch</i>	
12:00 – 14:00	- Cryo-TEM – demo of sample preparation (room 01.155.1, group purple) - Cryo-TEM – demo: imaging basics – (room 01.150, group yellow)	Dominik Pinkas Emanuel Katzman
14:00 – 14:20	Closure of the training part, results of the test auditorium No. 0.195	Vlada Filimoněnko
14:20 – 15:00	Evaluation of the workshop - auditorium No. 0.195	Vlada Filimoněnko