

TEM COURSE 2025 – SCHEDULE

Monday 24th November <i>auditorium on the ground floor, No. 0.195</i>		
12:00 – 13:00	Registration	
13:00 – 13:30	Introduction/layout of the course	Vlada Filimoněnko
13:30 – 14:10	Short presentations of the participants	Participants
14:10 – 14:55	Sample preparation for transmission electron microscopy	Vlada Filimoněnko
14:55 – 15:15	Coffee break	
15:15 – 15:55	Short demonstration of sample preparation laboratory	Dominik Pinkas
16:00 – 17:00	Theory: Basic principles of transmission electron microscopy, alignments	Emanuel Katzman
Tuesday 25th November		
09:00 – 12:00	Practical session - 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
12:00 – 13:00	Lunch	
13:00 – 13:50	Theory: - TEM in life sciences – set up, applications and solutions – <i>auditorium No. 0.195</i> Emanuel Katzman	
13:50 – 14:00	Coffee break	
14:00 – 17:00	Practical session - 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
Wednesday 26th November		
09:00 – 12:00	Practical session - 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
12:00 – 13:00	Lunch	
13:00 – 13:50	Theory: - TEM – special techniques – <i>auditorium No. 0.195</i>	Dominik Pinkas
13:50 – 14:00	Coffee break	
14:00 – 17:00	Practical session - 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
18:00 – ?	- Course dinner – Jeol sponsored	
Thursday 27th November		
09:00 – 12:00	Practical session: Repetition of different parts - 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	Lunch	
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	Coffee break	
14:15 – 17:15	Practical session (continued) - 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 28th 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	Lunch	
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 <i>auditorium No. 0.195</i>	Vlada Filimoněnko
14:20 – 15:00	Evaluation of the workshop - <i>auditorium No. 0.195</i>	Vlada Filimoněnko