

Prepared: July 26, 2018 [1]

ELENA, ITN Marie Skłodowska-Curie Action
2nd Technical Training School
August 27-30, 2018. Brno, The Czech Republic

Monday August 27, 2018

Check-in at the Grand Hotel Brno****

19:00-22:00: Welcome dinner in the Brno city centre

Venue: TBA

Tuesday August 28, 2018

Venue: Otto Wichterle Conference room, TESCAN Brno, Libušina třída 1, Brno

Start 09:00

- **09:00-09:10 Welcome**
Oddur Ingólfsson (Univ. Iceland) and Nagavalli S. Kiran (TESCAN Brno)
- **09:10-09:30 Fundamental low energy electron induced processes, refresher/reminder** Oddur Ingólfsson (Univ. Iceland)
- **09:30-10:30 Precursors, concept and characterisation** Lisa McElwee-White (Univ. of Florida)
- **10:30-10:50 Coffee**
- **10:50-11:35 Principles of electron-optics design to enable nanostructure fabrication**, Bohumila Lencová (TESCAN Brno)
- **11:35-12:20 UHV FEBID** Florian Vollnhals (Univ. of Erlangen-Nürnberg)
- **12:20-13:40 Lunch**
- **14:00-15:00 Factory tour of TESCAN 2**
- **15:00-15:20 Coffee**
- **Transfer to TESCAN 1 (site of the demo labs)**
- **15:45-17:00 Demo at TESCAN 1**
- **Transfer to hotel**

Prepared: July 26, 2018 [2]

Wednesday August 29, 2018

Venue: Otto Wichterle Conference room, TESCAN Brno, Libušina třída 1, Brno

Start 09:00

- **09:00-09:45 SEM optical systems** Jaroslav Jiruse (TESCAN Brno)
- **09:45-10:30 Surface science studies on FEBID precursors, examples and tools**
Anne Lafosse (Univ. of Paris Sud)
- **10:30-10:45 Coffee**
- **10:45-11:30 Different aspects of FEBID, current and potential applications projects**
Michael Huth (Univ. of Frankfurt am Main)
- **11:30-12:15 Electron and ion beam nanolithography** Michal Urbánek (CEITEC Nano, Brno)
- **12:15-13:30 Lunch**
- **Transfer to CEITEC**
- **14:15-17:30 Visit-demo at CEITEC Nano**
- **Transfer to hotel**
- **19:00-22:00 Dinner in the city centre** *venue TBA*

Thursday August 30, 2018 – ESR Progress Reports

Venue: Otto Wichterle Conference room, TESCAN Brno, Libušina třída 1, Brno

Start 09:00

- **09:00-09:45 Advanced SEM detection systems** Jaroslav Jiruse (TESCAN Brno)
- **09:45-10:15 Coffee**
- **10:15-12:15 Progress Reports** (ESRs 1-8, presentation 12 min, Q&A 3 min)
- **12:15-13:15 Lunch**
- **13:15-15:00 Progress Reports** (ESRs 9-15, presentation 12 min, Q&A 3 min)
- **15:00-16:00 Closing and open discussion with coffee**
- **Transfer to city centre**