

# Summer School on Diffraction-based structure analysis in TEM

The School Director: Prof. János Lábár, *Hungary*

## Thursday - 24 September

- 15.00 - Introduction to Crystallography (Boehm) 2 lectures  
17.00 – 17.30 *Coffee break*
- 17.30 - Introduction to TEM and SAED (Lábár) 2 lectures  
20.00 - *Well-together-party*

## Friday - 25 September

- 9.00 - Introduction to CBED and LACBED (Morniroli) 1 lecture
- 10.00 - Precession (Morniroli) first part of lecture  
11.00 – 11.30 *Coffee break*
- 11.30 - Precession (Morniroli) second part of lecture
- 12.30 - Computer session 1: ProcessDiffraction (basics) (Lábár) 1 lesson  
13.30 - *Lunch*
- 14.30 - Computer session 2: Electron diffraction (Morniroli) 2 lessons  
16.30 – 17.00 *Coffee break*
- 17.00 – Computer session 3: ProcessDiffraction (single crystal) (Lábár) 1 lesson
- 18.00 - Computer session 4: ProcessDiffraction (Crystallographic Calculator, transformations) (Lábár) 1 lesson  
20.00 - *Folkloristic Dinner*

## Saturday - 26 September

- 9.00 - Computer session 5: ProcessDiffraction (quantitative phase analysis, incl. texture) (Lábár) - 4 lessons  
11.00 – 11.30 *Coffee break*  
13.30 - *Lunch*
- 14.30 - Computer session 5: JEMS (Morniroli) - 4 lessons  
16.30 – 17.00 *Coffee break*  
19.30 - *Dinner*