



# PROGRAMME

## February, 26th (Monday)

16:00 – 19:00 Registration – Faculty of Chemistry

## February, 27th (Tuesday) – Faculty of Chemistry, lecture hall A1-01

8:15 Opening

8:30 – 10:00 Lecture 1, *Introduction to electron microscopy* (Z. Sojka, JU Krakow)

10:00 – 11:30 Lecture 2, *TEM imaging and diffraction* (J. Gryboś, JU Krakow)

11:45 – 13:00 Lecture 3, *Analytical transmission electron microscopy - EDX and EELS* (P. Indyka, JU Krakow)

13:00 – 13:30 Meeting with EACEA Officer (J. Eversoniene, EU Brussels)

Lunch break – Aparthotel Vanilla

15:15 – 16:45 Lecture 4, *Three-dimensional characterization of nanomaterials by electron tomography* (J.C. Hernandez Garrido, Univ. Cadiz)

16:45 – 18:15 Lecture 5, *Scanning electron microscopy (SEM) - tool for nanotechnology* (B.R. Jany, Inst. Phys., JU Krakow)

18:30 Dinner – Aparthotel Vanilla

19:30 Chemistry evening, Aparthotel Vanilla – conference hall,  
*Forensic chemistry lecture* (M. Woźniakiewicz, JU Krakow)

## February, 28th (Wednesday) – Aparthotel Vanilla – conference hall

8:30 – 9:45 Lecture 6, *Raman imaging – principles and biological applications* (A. Kaczor, JU Krakow)

10:00 – 11:15 Lecture 7, *Surface- and tip-enhanced Raman spectroscopy (SERS and TERS): fundamentals and biomedical applications* (K. Małek, JU Krakow)

11:30 – 12:45 Lecture 8, *Resonance Raman spectroscopy - fundamentals and biomedical applications* (K. Marzec, JCET Krakow)

Lunch break– Aparthotel Vanilla

14:00 – 18:00 Scientific excursion - Wieliczka Salt Mine

18:30 Dinner – Aparthotel Vanilla

### **March, 1st (Thursday) – Faculty of Chemistry, lecture hall A1-01**

8:30 – 10:00 Lecture 9, *Introduction to electron paramagnetic resonance (EPR) spectroscopy*  
(P. Pietrzyk, JU Krakow)

10:15 – 11:45 Lecture 10, *Electron paramagnetic resonance imaging - basic principles, hardware, software, and applications* (K. Kruczała, JU Krakow)

12:00 – 13:30 Lecture 11, *EPR Tomography* (T. Czechowski, noviLET, Poznan)

Lunch break – Aparthotel Vanilla

15:00 – 18:00 Practical session, Laboratories of Faculty of Chemistry (TEM, SEM, Raman, EPR)

18:30 Dinner – Aparthotel Vanilla

19:30 Chemistry evening, Aparthotel Vanilla – conference hall

ASC poster session, alumni meeting and photo contest

*Knowledge transfer and dissemination* (M. Aksamit-Koperska, Univ. Warsaw)

### **March, 2nd (Friday) – Faculty of Chemistry, lecture hall A1-01**

8:30 – 10:00 Lecture 12, *Atomic Force Microscopy for Surface Imaging and Beyond*  
(Sz. Zapotoczny, JU Krakow)

10:15 – 11:45 Lecture 13, *X-ray microtomography* (B. Leszczyński, Inst. Phys., JU Krakow)

12:00 – 13:30 Lecture 14, *Future leadership programs in industries and needed communication skills*  
(K. Chereddy, Novartis, Basel)

13:30 Closing ceremony and lunch – Aparthotel Vanilla