

DATE & TIME

June 23, 2026

09:00 AM – 05:00 PM

VENUE

Materials Research Laboratory

Silesian University of Technology, 18A Konarskiego St., Gliwice

ABOUT THE WORKSHOP

Theoretical part: four short lectures by experienced practitioners on the use of electron microscopy, XRD, XPS, and Raman spectroscopy in carbon materials research.

Practical part: hands-on sessions in small groups using participants' samples.

WORKSHOP AGENDA

8.00-9.00 Participant registration

9.00-9.10 Opening of the workshop

THEORETICAL PART

9.10-9.40 **Prof. K. Jurkiewicz** (US): XRD studies of carbon materials

9.40-10.10 **Dr. K. Matus** (SUT): Electron microscopy in carbon materials research

10.10-10.30 *Coffee break*

10.30-11.00 **Prof. M. Krzywiecki** (SUT): XPS studies of carbon materials

11.00-11.30 **Prof. M. Pawlyta** (SUT): Raman spectroscopy of carbon materials

PRACTICAL PART

11.30-13.15 Hands-on session I

13.15-14.00 *Lunch break*

14.00-16.30 Hands-on sessions II and III

16.30 **Closing of the workshop**

RESEARCH EQUIPMENT



S/TEM TITAN



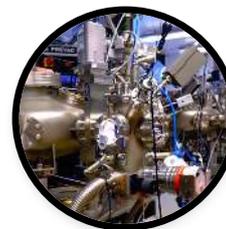
SEM SUPRA



XRD X'PERT PRO



RAMAN RENISHAW



XPS SPECTROMETER

INFORMATION & REGISTRATION

Dr. Krzysztof Matus
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Those interested in testing their own samples are asked to provide a short description. The most interesting proposals will be selected for analysis during the workshop.

The workshop is part of the 12th Carbon Symposium (carbonsymposium.pl). Conference participants – free admission. Certificate of attendance provided.