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Ceramicznych  
PAN

Modelling  
&  
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RESEARCH GROUP



## Nanotomography Minisymposium

under the auspices of the Rector of AGH, prof. Jerzy Lis

Monday, October 16, 2023, 3:00 pm

AGH University of Krakow  
Faculty of Materials Science and Ceramics  
room 105, building A3/A4

### Agenda

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|---------------|---|
| 15:00 – 15:10 | Welcome address (Jerzy Lis, Rector AGH)   |
| 15:10 – 15:30 | Laboratory nano XCT – Innovative technology for a unique R&D infrastructure (Ehrenfried Zschech, deepXscan GmbH, Dresden)                               |
| 15:30 – 15:50 | 3D modelling and characterization for the design of advanced materials (Robert Filipek, AGH University of Krakow)                                       |
| 15:50 – 16:10 | X-ray imaging at SOLARIS (Pawel Korecki, JU Krakow)   |
| 16:10 – 16:30 | Thin-film photovoltaic cells in space applications - materials characterization (Konstanty Marszalek, AGH University of Krakow)                         |
| 16:30 – 16:50 | X-ray microscopy for the development of new batteries (Janina Molenda, AGH University of Krakow)  |
| 16:50 – 17:10 | nano-XCT studies for biomimetics (Izabela Zglobicka, TU Bialystok)  |
| 17:10 – 17:30 | In-situ and operando X-ray microscopy studies for materials science, battery research and microelectronics (Kristina Kutukova, deepXscan GmbH, Dresden) |
| 17:30 – 17:50 | Advanced 3D data analysis with AI-based algorithms (Alicja Mikolajczyk, QSAR lab, Gdansk)   |
| 17:50 – 18:00 | Concluding remarks (Robert Filipek, Ehrenfried Zschech)   |
| from 18:00    | Get-together  |