

Tuesday 25th of June 2019

Faculty of Physics, University of Warsaw

<https://emfl.eu/user-meeting-2019-in-warsaw/>

Programme

- 08.45 am **Arrival, registration and coffee**
- 09.10 am **Welcome and introduction**
Prof. Adam Babinski, Faculty of Physics, University of Warsaw;
coordinator of the Polish membership of the EMFL, sponsored by the
the Ministry of Science and Higher Education
Prof. Jochen Wosnitza, Director of HLD
- 09.30 am **Announcement of the 2019 EMFL prize winner** by Jochen Wosnitza,
Director of HLD
- 09.35 am **Presentation by the EMFL prize winner**
- 10.00 am **Presentations by EMFL users**
Chaired by Jochen Wosnitza, Director of HLD
- *Justin Ye* (Zernike Institute for Advanced Materials, University of Groningen, The Netherlands) **Ising superconductivity in single-layer transition metal dichalcogenides**
 - *Michał Baranowski* (Wrocław University of Science and Technology, Wrocław, Poland) **Revealing softness of 2D perovskites by spectroscopy in high magnetic field**
 - *Maciej Molas* (University of Warsaw, Warsaw, Poland) **Magneto-spectroscopy of excitons in transition metal dichalcogenides**
- 11.00 am Coffee break
- 11.20 am **Technical session on facility developments at the EMFL**
Chaired by Peter Christianen, director of HFML
- *Xavier Chaud* (LNCMI, Grenoble, France) **The future of all-superconducting magnets at EMFL**
 - *Jake Ayres* (School of Physics, University of Bristol, United Kingdom), **High-pressure transport studies of strange metals in high magnetic fields at HFML**

- *Jerome Beard* (LNCMI, Toulouse, France) **Upgrade of the LNCMI-T installations**
 - *Toni Helm* (HZDR, Dresden, Germany) **Focused ion beam assisted micropatterning for experiments under extreme conditions**
- 12.40 pm Lunch
- 13.20 pm **Poster session**
- 14.10 pm **Presentations by EMFL users**
 Chaired by Jochen Wosnitza, Director of HLD
- *Marie-Aude Measson* (Néel Institute, Grenoble, France) **High-field Raman spectroscopic study of the hidden order in URu₂Si₂**
 - *Tomasz Toliński*, (Institute of Molecular Physics PAS, Poznań, Poland) **Noncentrosymmetric CeCo_{1-x}Fe_xGe₃ alloys – is the damping of magnetic order accompanied by quantum criticality?**
 - *Tomasz Cichorek* (Włodzimierz Trzebiatowski Institute of Low Temperature and Structure Research, PAS, Wrocław, Poland) **Extreme magnetoresistance and thermodynamic evidence for field-dependent charge-carrier density in LuAs.**
 - *Anaëlle Legros* (University of Sherbrooke, Sherbrooke, Canada) **Planckian dissipation in HTc superconductors**
 - *Franziska Scheibel* (Technische Universität Darmstadt, Darmstadt, Germany) **Magnetocaloric materials investigated using pulsed magnetic fields**
- 15:50 pm Coffee break
- 16.15 pm **User Committee Meeting**
 Open to everyone, chaired by Raivo Stern
 Chair of the EMFL User Committee
- 17.15pm **Report of User Committee to Board of Directors**
 Open to everyone, chaired by Raivo Stern
 Chair of the EMFL User Committee
- 17.30 pm Wrap up meeting and closure by prof. Adam Babinski