

6th FR-CZ Barrande workshop on Nanotechnologies, Photonics & Electronics

24-26 November 2025, LNCMI-CNRS, Grenoble, France

Programme

	Monday 24/11/2025	Tuesday 25/11/2025	Wednesday 26/11/2025
8			
9		Y. Todorov F. Teppe H. Němec Coffee break	Ch. Grillet A. Vasanelli M. Hubert Coffee break
10			
11		High-field installation at LNCMI excursion	T. Maroutian R. Silber P. Kužel
12			
13	Arrival	Lunch buffet CNRS campus	Lunch buffet CNRS campus
14	Opening	K. Uhlířová V. Demange Z. Sofer	Departure
15	J. Minar J. Sampaio Coffee break V. Baltz M. Leiviskä J. Chaloupka	Coffee break	
16		A. Slobodeniuk O. Frank M. Potemski	Talks: 25+5 minutes
17			
18	Poster session		
19			
20		Dinner downtown	
21			

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List of talks

Name		Affiliation	Title
Vincent	Baltz	SPINTECH, Grenoble	<i>Compensated spin structures and textures in spintronics – altermagnetism, antiferromagnetism, skyrmions</i>
Jiri	Chaloupka	Masaryk University, Brno	<i>Magnetism and superconducting pairing in spin-state crossover nickelates</i>
Valerie	Demange	ISCR, CNRS, Rennes	<i>Functional 2D oxides for thin films growth and spintronics</i>
Otakar	Frank	Heyrovsky Institute, CAS, Prague	<i>Micro- and nanospectroscopic signatures of disorder in 2D materials</i>
Christian	Grillet	INL, CNRS, Lyon	<i>Integrated optics for mid-IR nonlinear applications</i>
Michal	Hubert	Charles University, Prague	<i>Magneto-optical spectroscopy: from ferromagnets to altermagnets</i>
Petr	Kužel	Institute of Physics, CAS, Prague	<i>Ultrafast dynamics of terahertz plasmons in in-plane periodic nanostructures of epitaxial graphene</i>
Miina	Leiviskä	Institute of Physics, CAS, Prague	<i>Spin transport at the altermagnetic insulator/Pt interface</i>
Thomas	Maroutian	C2N-CNRS, Paris Saclay	<i>Strain-induced polarization patterns in ferroelectric oxide membranes</i>
Jan	Minar	University of West Bohemia, Pilsen	<i>Electronic structure, correlations and excited states of quantum materials</i>
Hynek	Němec	Institute of Physics, CAS, Prague	<i>Nanoscale terahertz response of charges in semiconductors</i>
Marek	Potemski	LNCMI, CNRS, Grenoble	<i>Magnons, magnon-polarons and spin-entangled optical resonances in semiconducting van der Waals antiferromagnets</i>
João	Sampaio	LPS, CNRS, Paris Orsay	<i>Dzyaloshinskii-Moriya interaction in a 2D van der Waals ferromagnet</i>
Robin	Silber	Technical University of Ostrava, Ostrava	<i>An overview of the cubic-in-magnetization magneto optic Kerr effect</i>
Artur	Slobodenyuk	Charles University, Prague	<i>Strong Field Effects on the Excitonic Spectrum of Monolayer Semiconductors</i>
Zdenek	Sofer	University of Chemistry and Technology, Prague	<i>Crystal growth, exfoliation and modification of 2D magnetic and dielectric materials</i>
Frederic	Teppe	L2C, CNRS, Montpellier	<i>Nonlinear Terahertz Electroluminescence from Dirac-Landau Polaritons</i>
Yanko	Todorov	LPENS, CNRS, Paris	<i>Exploring ultra-strong light-matter coupling with quantum THz metamaterials</i>
Klara	Uhlířová	Charles University, Prague	<i>Symmetry breaking by twinning in misfit layer compounds</i>
Angela	Vasanelli	LPA, ENS, Paris	<i>Cavity enhanced unipolar quantum optoelectronics</i>