

Program

Monday, 30 June 2025

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| 09h00 - 09h20 | Welcome coffee |
| 09h20 - 09h30 | Opening words chair: Guillaume Weick |
| 09h30 - 10h00 | David Hagenmuller Strong light-matter interactions in photonic nanostructures |
| 10h00 - 10h15 | Shailesh Kumar Enhancing quantum light emission with engineered nanostructures |
| 10h15 - 10h30 | Yinhui Kan & Xujing Liu Nanophotonics empowered quantum light sources |
| 10h30 - 11h00 | Eloïse Devaux Experimental facilities and recent developments in LIMACS team |
| 11h00 - 11h30 | Coffee break chair: Eloïse Devaux |
| 11h30 - 11h45 | Hicham Majjad Empowering research: capabilities of STnano facility |
| 11h45 - 12h15 | Till Leissner Focused ion beam nanofabrication of ALD-grown TMDC monolayers and characterization using Danish national Nanochem infrastructure |
| 12h15 - 12h45 | Jacek Fiutowski From cold atoms to quantum materials: nanoscale fabrication and characterisation for next-gen technologies |
| 12h45 - 14h00 | Lunch chair: Matthieu Bailleul |
| 14h00 - 14h30 | Evangelos Papaioannou Ultrafast spin-to-charge current conversion and THz emission in magnetic/nonmagnetic heterostructures |
| 14h30 - 15h00 | Jarosław W. Kłos Spin waves in ferromagnetic-superconducting hybrids |
| 15h00 - 15h15 | Louis Gallard Topological characterization of Hopfions in finite-element micromagnetics |
| 15h15 - 15h30 | Ashfaque Thonikkadavan Magnonic properties of nanoscale Mobius strips |
| 15h30 - 16h00 | Coffee break chair: Evangelos Papaioannou |
| 16h00 - 16h30 | Matthieu Bailleul Propagating spin wave spectroscopy for spintronics and nanomagnetism |
| 16h30 - 17h00 | Maciej Krawczyk Selected topics from 3D Magnonics |
| 19h30 - | Dinner at Maison Kammerzell |

EPICUR NAMASUTE workshop on nano-optics & magnonics Strasbourg, France

IPCMS auditorium
23 rue du Loess, Strasbourg

Tuesday, 01 July 2025

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|---------------|---|
| 09h00 - 09h30 | Welcome coffee chair: Stéphane Berciaud |
| 09h30 - 10h00 | Yonas Lebsir Introduction on cathodoluminescence and activities in Odense |
| 10h00 - 10h30 | Nicolas Ubrig Quantum-optics and magneto-optics in van der Waals heterostructures in Odense |
| 10h30 - 11h00 | Guillaume Schull Atomic-scale fluorescence microscopy with a scanning tunneling microscope |
| 11h00 - 11h30 | Coffee break chair: Katharina Kaiser |
| 11h30 - 12h00 | Stéphane Berciaud van der Waals materials: from optical spectroscopy to magn(et)o-optomechanics |
| 12h00 - 12h30 | Sotos Papadopoulos Light-emitting tunnel junctions with 2D-materials |
| 12h30 - 14h00 | Lunch chair: Jarosław W. Kłos |
| 14h00 - 14h30 | Aleksandra Trzaskowska Wave dynamics in magnetic and elastic systems: insights from Brillouin spectroscopy |
| 14h30 - 14h45 | Uladzislau Makartsou Magnetic domain walls in a stripe for spin wave control in a ferromagnetic medium |
| 14h45 - 15h15 | Laurent Limot Single-spin sensing: a molecule-on-tip approach |
| 15h15 - 15h45 | Coffee break |
| 15h45 - 16h45 | Prospective discussions chair: Maciej Krawczyk |
| 16h45 - 17h00 | Coffee break |
| 17h00 - 18h00 | Lab visits |

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AUTH



arnaud.gloppe@cnrs.fr

Administrative support
Véronique Wernher (IPCMS, Strasbourg)

