WORKSHOP PROGRAM

How to get to UTT?

By bus

Line 6

- **from the railway station** you will have to take the bus line **n°6 at the "GARE JARDINS" stop or at "PATTON"**, direction "Chartreux". Get off at the "**Technopole**" stop, UTT is then 300 meters away.
- There are buses every 10 minutes.

Bus schedules - **TCAT website** and ticket info. https://tcat.fr/titres-et-tarifs/la-gamme-tarifaire/

Tickets can also be purchased from the bus driver (2 euros) or send an sms to 93003 and mention "1H". You will obtain a ticket by sms costing 1.35 Euros which will be added to your mobile bill.

Line 8

- From the city center (bus stop "**Beurnonville**") direction "Chartreux". Get off at the "**UTT**" stop.

By taxi

- Head of the station at the exit of the train station
- Taxi troyens - Cour de la Gare - +33 3 25 78 30 30 https://www.taxis-troyens.fr/
  Address to go by taxi: 12 Rue Marie Curie10430 Rosières-prés-Troyes

Plan of UTT

Workshop will be held in Amphi C001

08:30 – 09:00	**Day 1 : 20th May, 2026** **Welcome breakfast - Amphi C001**	
09:00 - 09:15	**Opening Ceremony by Prof. Renaud Bachelot** **Amphi C001**	
Session 1: Chairman: Sasha Govorov		
09:15 -9 :45	Andreas Fery, *Leibniz Institute of Polymer Research, Dresden*	Particle based metamaterials with giant (circular) dichroism
9:45 - 10:15	Ludovic Douillard, *CEA, France*	Plasmonic materials for the exploration of strong field physics
10:15 - 10:45	Renaud Bachelot, *University of Technology of Troyes*	Unusual near-field chirality on achiral plasmonic nanostructures
10:45 - 11:15	**Coffee break**	
Session 2 : Chairman: Davy Gerard		
11:15 - 11:45	Emmanuelle Deleporte, *ENS Paris Saclay*	Halide perovskites: tailor-made excitons for opto-electronics.
11:45 - 12:15	Gilles Lerondel, *University of Technology of Troyes*	Towards oxide based optoelectronics : examples of ZnO, Ga_2O_3 and perovskite oxides
12:15 - 12:45	Eloise Garcelon, *University of Technology of Troyes*	Lifetime Engineering of Plasmon-Driven Blue Photoluminescence in Perovskites Using Aluminum Plasmonics Nanostructures

12:45 - 14:00	**Lunch in Snack (Rue), UTT**	
Session 3 : Chairman: Shuwen Zeng		
14:00 - 14:30	Monika Fleischer, *University of Tubingen*	Transient single-emitter localization on nanoantennas
14:30 - 15:00	Davy Gerard, *University of Technology of Troyes*	Self-hybridization of plasmonic excitations in aluminum nanoantennas
15:00 - 15:30	François Lagugné-Labarthet, *Western University, Canada*	Tuning the bandgap of 2D materials by surface functionalization and hybridization
15:30 - 16:00	Lucas V. Besteiro, *University of Vigo, Spain*	The role of polarization in light-driven reshaping of plasmonic nanostructures
16:15 - 16:40	**Coffee break**	
16:40 onwards	**Invited guests leave for city-center to go to their hotels**	
17:30-19:00	**Guided visit of Troyes City Centre (for invited guests)**	
19:00-22:30	**Cocktail dinner in Maison d'Outils**	

	Day 2: 21st May, 2026 Amphi C001	
Session 1: Chairman: Renaud Bachelot		
08:30 – 09:15	Keynote: Alexander Govorov, *Ohio University, U.S.A*	Short Stories from the World of Optical Nanocrystals From Chiral Biomolecules to Chiral Nanomaterials, the Origin of Chirality, and the Ideas of Pasteur and Kelvin—and Finally, Do We Really Need Collaborations?
09:15 - 9:45	Christophe Couteau, *University of Technology of Troyes*	Towards free-space quantum communications using colour centres in diamond.
09:45 -10:15	Nordin Felidj *Université Paris Cité, France*	Plasmon-defined chemical templates for the nanoscale assembly of colloidal nanoparticles
10:15 - 10:45	Jérome Plain, *University of Technology of Troyes*	Nanoparticles of nitride-based materials for plasmonics and lattice-mode resonances
10:45 - 11:00	**Coffee break**	
Session 2 : Chairman : Monika Fleischer		
11:00 - 11:30	Francesco Pineider, *University of Pisa*	Magnetically tunable optical resonances - From material design to metasurfaces
11:30 - 12:00	Ali Sraj, L2n, *University of Technology of Troyes*	Surface Lattice Resonance Enhancement of Quantum Dots Photoluminescence: Excitation or Emission Matching?
12:00 - 13:00	**Flash poster presentations by students, Chairman : Anne-Laure Baudrion**	
13:00 - 14:00 14:00 - 16:00	**Lunch in Snack (Rue), UTT** **Poster session in Rue**	
Session 3 : Chairman: Lucas V. Besteiro		
16:00 - 16:30	Ziwei Zhou, *Leibnitz University of Polymer, Dresden*	Tunable Plasmonic Chirality via Controlled Nanoparticle Assembly
16:30 - 17:00	Shuwen Zeng *University of Technology of Troyes*	Ultra-sensitive Plasmonic Biosensor based on Nanomaterials-enhanced Phase Singularity

17:00 -17:30	Liudmila Tratsuik, *University of Bourgogne, France*	Self-assembly of Artificial Proteins as Scaffold for Advanced Nanophotonics
17:30-18:00	**Closing ceremony**	

Flash poster presentations (3 min each) Chairman Anne-Laure Baudrion

Juan Pablo Cuanalo Fernandez	Plasmonic Particle Lattices for Highly Sensitive Sensing
Alexi Di Vito (Ph.D student)	Operando optical imaging of electrochemical interfaces using quantitative phase microscopy
Héloise Gaudin (Ph.D student)	Total Internal Reflection Fluorescence (TIRF) and Supercritical Angle Fluorescence (SAF) combined imaging.
Essowereo Tchao (Ph.D student)	Integrated Photon sources: Toward photon triplet generation for quantum communication
Jialing He (Ph.D student)	Surface Plasmon Resonance as a Probe of the Magneto-Optical Kerr Effect in Paramagnetic Material
Fusheng Du (Ph.D student)	Ultrasensitive label-free detection based on functionalized plasmonics nanofilms and enhanced phase singularity"
Yuqin Deng (Ph.D student)	Design of Microfluidic Chips for Plasmonic Hybrid-microcavity Optical Biosensors
Yuqing Zhao (Ph.D student)	Plasmonic two-photon photopolymerization for strongly-coupled nanosources of light
Iheb Liabi (M2 student)	Superfluorescence of Semiconductor Quantum Light Nano-Emitters
Aaron Jacob (M2 student)	Hybrid Sensor Based on Tamm Polaritons.
Jash Salunke (M2 student)	Reactor geometry engineering for growth of ZnO nanorods by CBD method.
Vinayak Bhanushali (M2 student)	Simulation of Fundamental Quantum phenomena with Silicon Nitride Photonic Waveguide Lattices
Moutiou Dahounsi (M2 student)	Greyscale EBL for the fabrication of microstructures
Rohit Shetty (M1 student)	Nanoscale Work-Function Characterization of hBN/Graphene/hBN Heterostructure Transistors Using Peak-Force KPFM
Esso Dong Paul Adjoua (M1 student)	Characterization of nonlinear photonic integrated circuits in silicon nitride at telecom frequencies
Jeremiah Measson (M1 student)	Creation of two single photon by interferometry (not sure to be present)
Abdul Azizou Aziraf (M1 student)	Thermal Characterization of Thin Films by Nanosecond Thermoreflectance for microelectronics
Koukou Michel Goe (M1 student)	Experimental and Numerical Study of Metal Roughness Effects in Al/SiO_2/Cr PVD Optical Cavities
Cyprien Charlot (internship student)	NV-Based Spin–Photon Optical Communication
Marie Berthou (internship student)	Spectroscopic characterization of single photon emitters