

## Monday 4th May

13:45 - 14:15	Shuttle between RER B station "Saint-Rémy-lès-Chevreuse" and "Centre Port-Royal"
14:20 - 14:30	Welcome / Opening of JPH 2026
14:30 - 15:30	<b>Tutorial 1</b> Nicolas Mercier - MOLTECH-Anjou "Halide perovskites : synthetic aspects and powder X-ray diffraction characterization"
15:30 - 16:00	Coffee break / Check in
16:00 - 17:00	<b>Tutorial 2</b> Olivier Plantevin - LPS "Defect properties in halide perovskites"
17:00 - 17:30	Check in
17:30 - 19:00	Poster session
19:00 - 20:30	Dinner
20:30 - 21:30	<b>Plenary talk</b> Annamaria Petrozza - CNST "Defects Activity in Metal Halide Perovskites"

## Tuesday 5th May

### Session 1 - Synthesis & Fundamental Properties (1/2)

09:00 - 09:30	<b>Invited talk 1</b> Hernán Miguez - ICMS "Advanced Functionalities of Perovskite Nanocrystals Embedded in Nanoporous Scaffolds"
09:30 - 09:45	<b>Talk 1</b> Dmitry Aldakov - SyMMES "Bismuth-based halide perovskites confined in mesoporous matrices for CO <sub>2</sub> photoreduction"
09:45 - 10:00	<b>Talk 2</b> Hocine Khemliche - ISMO "Growth dynamics and properties of thin MaPbI <sub>3</sub> layers prepared in UHV"
10:00 - 10:15	<b>Talk 3</b> Victor Denaud - ICPEES "Mechanosynthesis of hybrid perovskite composite as an electromagnetic wave absorber"
10:15 - 10:30	<b>Talk 4</b> Elodie Doressoundiram - IPVF "Enhancing the stability of metal halide perovskite thin films during ALD-SnO <sub>x</sub> deposition using amino-silane interlayers"
10:30 - 11:00	Coffee break

### Session 1 - Synthesis & Fundamental Properties (2/2)

11:00 - 11:30	<b>Invited talk 2</b> Simon Böhme - ETH Zürich "Quantum light from colloidal lead-halide perovskite quantum dots"
11:30 - 11:45	<b>Talk 5</b> Marina Cagnon Trouche - LPENS "Optical spectroscopy of single CsPbBr <sub>3</sub> perovskite quantum dots synthesized by a modified LARP method"

11:45 - 12:00	<b>Talk 6</b> Simon Thébaud - Institut FOTON "Buried perovskite quantum dots for quantum light electroluminescence"
12:00 - 12:15	<b>Talk 7</b> Guillaume Lagüe - INSP "Investigation of hyperfine spin relaxation and dynamic nuclear polarization in lead halide perovskite polycrystalline films"
12:15 - 12:30	<b>Talk 8</b> Maria Vladimirova - L2C "Spin noise of electrons and holes in Lead Halide Perovskite Crystals"
12:30 - 14:00	Lunch
<b>Session 2 - Optoelectronic Devices (1/2)</b>	
14:00 - 14:30	<b>Invited talk 3</b> Solenn Berson - CEA LITEN "Upscaling perovskite growth using hybrid or full vacuum methods for perovskite/silicon tandem solar cells"
14:30 - 14:45	<b>Talk 9</b> Louis Grenet - CEA LITEN "Close Space Sublimation for perovskite-silicon tandem solar cells"
14:45 - 15:00	<b>Talk 10</b> Balkis Nasraoui - ITODYS "Terminal Group-Dependent Interactions in Carbazole-Based SAMs: Implications for Pb <sup>2+</sup> Coordination and Interface Engineering in Perovskite Solar Cells"
15:00 - 15:15	<b>Talk 11</b> Philip Schulz - IPVF "Control of energy alignment at the interfaces between 2D/3D halide perovskite films and charge transport layers"
15:15 - 15:30	<b>Talk 12</b> Zihao Li - IRCP "Reduced Quasi-Fermi Level Splitting Deficit by Homogenizing Interfacial Photo-potential for Highly Efficient Perovskite Solar Cells"
15:30 - 15:45	<b>Talk 13</b> Aser García Beamud - CRM2 "Ferroelectric hybrid perovskites based semiconductors for optoelectronics"
15:45 - 16:15	Coffee break
<b>Session 2 - Optoelectronic Devices (2/2)</b>	
16:15 - 16:45	<b>Invited talk 4</b> Johann Bouclé - XLIM "Reproducibility of perovskite optoelectronic devices at the laboratory scale"
16:45 - 17:00	<b>Talk 14</b> Teresa Stefanini - CEA LETI "Solution-Processed CsPbBr <sub>3</sub> -based Photodetectors: A Versatile and Robust Platform for Wearable Sensing"
17:00 - 17:15	<b>Talk 15</b> Ferdinand Lédée - CEA LITEN "Stabilization of the dark current in perovskite sintered X-ray detectors via 2D/3D surface functionalization"

17:15 - 17:30	<b>Talk 16</b> Ulysse Teisson - CEA LITEN "Semiconducting perovskites for medical X-ray radiography: environmental effects on chemical and electrical properties of CsPbBr <sub>3</sub> detectors"
17:30 - 17:45	<b>Talk 17</b> Tintu Kuriakose - Institut FOTON "Enhanced Photoluminescence of Cesium Lead Halide Perovskite Nanowires via Plasmonic Coupling"
17:45 - 18:00	<b>Talk 18</b> Vui Nguyen - INL "Room-temperature Polariton Lasing in CsPbBr <sub>3</sub> Perovskite Metasurfaces"
18:00 - 19:00	<b>Poster session</b>
19:00 - 20:00	<b>Aperitif</b>
18:30 - 19:30	<b>Annual meeting of the GDR scientific committee (for committee members only)</b>
20:00 - 21:30	<b>Dinner</b>

## Wednesday 6th May

### Session 3 - Characterization & Modelling (1/2)

09:00 - 09:30	<b>Invited talk 5</b> Vincent Le Corre - MCI "Automating PV Research from Experimentation to Data Analysis"
09:30 - 09:45	<b>Talk 19</b> Margaux Le Coq - ILV "Mapping of photopotential generation and interface losses in triple-cation mixed-halide perovskite solar cells under operando conditions"
09:45 - 10:00	<b>Talk 20</b> Asma Miled - LuMIn "Homogeneous All-Inorganic Perovskite Films via High-Pressure Recrystallization: Amplified Spontaneous Emission and Phase Transition Dynamics"
10:00 - 10:15	<b>Talk 21</b> Sébastien Pillet - CRM2 "Tuning the structural and optoelectronic properties of metal halide perovskites by hydrostatic pressure"
10:15 - 10:30	<b>Talk 22</b> Anna Celeste - LuMIn "Pressure-induced local disorder and bandgap evolution in CsPbBr <sub>3</sub> "
10:30 - 11:00	<b>Coffee break</b>

### Session 3 - Characterization & Modelling (2/2)

11:00 - 11:15	<b>Talk 23</b> Damien Garrot - GEMaC "Collective Spectral Diffusion of Defect Luminescence in CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Single Crystals"
11:15 - 11:30	<b>Talk 24</b> Cyrielle Martin - CEA LETI "Semiconducting perovskites for the future of medical radiography: experimental characterization of charge-carrier transport properties through laser Time-of-Flight measurements"

11:30 - 11:45	<b>Talk 25</b> Ankan Nath - CEA "Probing Surface Chemistry of CsPbBr <sub>3</sub> Nanocrystals with DNP-Enhanced Solid-State NMR at 30 K"
11:45 - 12:00	<b>Talk 26</b> Géraud Delport - IPVF "In situ monitoring of the Synthesis of Air-Stable Mixed-Valence Inorganic Gold Perovskite Thin Films via Aqua Regia Oxidation Process"
12:00 - 12:15	<b>Talk 27</b> Saumen Chaudhuri - ISCR "Finite Temperature Modelling of Mixed-valence Double Perovskite Cs <sub>2</sub> AuAuCl <sub>6</sub> "
12:15 - 12:30	<b>Closing remarks / Annoucement of awards</b>
12:30 - 14:00	<b>Lunch</b>
14:15 - 14:45	<b>Shuttle</b> between "Centre Port-Royal" and RER B station "Saint-Rémy-lès-Chevreuse"