

List of Poster Presentations

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A1 - NANOCHEMISTRY | NANOMATERIALS FOR ENERGY | CLEANING ENVIRONMENT

A1-01	Development of Efficient Routes for the Synthesis of Alumina Supported Non-Noble Metal Nanoparticles	Abdenmour BENABBAS • CNRS - IC2MP, France
A1-02	Ecologically efficient synthesis of heterogeneous catalysts via solvent-free reactive extrusion	Ryma HADDAD • Sorbonne Univ. - LCMCP, France
A1-03	Emulsion processing of gold nanoparticle shells: towards plasmonic nanoresonators	MouktarNOUR MAHAMOUD • CNRS - ISCR, France
A1-04	Förster resonance energy transfer between multicolor fluorescent carbon dots	Vladimir LYSENKO • CNRS - ILM, France
A1-05	Induction of chirality in semiconductor CdSe nanoplatelets	Guillaume LANDABURU • CNRS - LCH, France
A1-06	Influence of heteroelement addition on the properties of nanostructured titania	Jean-Luc BLIN • Univ. of Lorraine - L2CM, France
A1-07	Innovation for resolute size distribution measurement of nanocarriers and bioconjugates in native state	Cédric SARRAZIN • Nanoscale Metrix, France
A1-08	LaPO ₄ :Eu nanorods as polarized luminescence emitters and their application for in situ flow shear monitoring in an energy harvesting device	Lilian MAGERMANS • EP - LPMC, France
A1-09	Luminescence impact on green silver sulfide (Ag ₂ S) nanothermometer with hydrogen peroxide (H ₂ O ₂)	Thomas NAILLON • Sorbonne Univ. - LCMCP, France
A1-10	Micropore 3D graphenes: circumventing essential issues in large scale synthesis	Steven COMPERE • Univ. Poitiers - IC2MP, France
A1-11	New boron phosphide nanocrystals synthesized in molten salt	Amandine SENE • CNRS - LCMCP, France
A1-12	Optimization of a LSPR Sensor Chip Using Hollow Au Nanoparticles	Daoming SUN • Sorbonne Univ. - LRS, France
A1-13	Optimization of anisotropic LaPO ₄ :Eu ³⁺ nanorods as polarized luminescence probes in fluid flow	Qilin ZOU • CNRS - LPMC, France
A1-14	Reactivités chimiques entre les imogolites hybrides et une phase cimentaire : formulation d'une matrice de conditionnement pour la stabilisation des déchets nucléaires	Estelle PUEL • CEA - NIMBE, France
A1-15	Screening of nanoporous carbon electrodes for the electrochemical conversion of CO ₂ and N-compounds.	Ali FAYAD • Univ. Orléans - CEMHTI
A1-16	Structural disorder and vibrational properties of transition aluminas	Iñigo GONZALEZ DE ARRIETA • Univ. Basque Country - CEMHTI, France
A1-17	Studying dynamics of molecular layers covering gold nanostructures by SERS	Danilo OLIVEIRA DE SOUZA • Univ. Lille - UCCS, France
A1-18	Synthesis and Colloidal Stabilization of Manganese and Zinc Ferrite Magnetic Nanoparticles for failsafe Magnetocuring of resins	Naoures HMILI • Sorbonne Univ. - LRS, France
A1-19	Synthesis of Carbon Quantum Dots for Anti-counterfeiting	Théo DUARTE • UTT - L2n, France
A1-20	Synthesis of core-shell and nanoalloys from immiscible Cu and Co elements; application in dehydrogenation catalysis	Lorette SICARD • Univ. Paris Cité - ITODYS, France
A1-21	Synthesis of Mesoionic Carbene (MIC) Stabilized Gold Nanoparticles from 1,2,3-Triazolium Salts	Salem Saleh BA SOWID • Sorbonne Univ. - LCMCP, France
A1-22	Understanding the interactions in CuO-ZnO-ZrO ₂ catalyst	Ksenia PARKHOMENKO • CNRS - ICPEES, France
A1-23	Understanding the mechanisms involved in the formation of silicon particles from the thermal decomposition of hydrogen silsesquioxane: an in situ study by ETEM	Cynthia CIBAKA NDAYA • CNRS - ICMCB, France
A1-24	Using Mo(0) complex as highly reactive platform for the synthesis of molybdenum oxide nanoparticles under mild conditions	Martin JAKOObI • CNRS - LCC, France
A1-25	Improving electrical contact of highly n-type doped 4H-SiC by Circular Transfer Length Method	Lazar MIHAI • CNRS- L2n, France
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A2-02	Characterization of silicon vacancies in hexagonal silicon carbide formed by ion implantation of nitrogen and aluminum.	Enora VUILLERMET • UTT - L2n, France
A2-03	Controlling dichroism, diffraction and colors of nanomaterials with laser processing	Van Doan LE • Univ. Lyon - Lab. Hubert Curien, France
A2-04	Design and investigation of a low-threshold organic laser diode using mixed-order dfb cavities	Yara EL DROUBI • Univ. Sorbonne Paris Nord - LPL, France
A2-05	Design of metasurfaces by capillary assisted assembly of nanoparticles and their applications.	Juan XIN • UTT - L2n, France
A2-06	Facile InP/ZnS QDs encapsulation in MOF-5 matrices: towards solid state luminescence	Alexis TRAN • Clermont Auvergne Univ. - ICCF, France
A2-07	Full control of the electric and magnetic light-matter interactions through a plasmonic mirror on a near-field tip	Eric CHARRON • Sorbonne Univ. - INSP, France
A2-08	Hierarchical structures of gold nanoparticles in topological defects of smectic liquid crystals	Caterina TOSARELLI • CNRS - INSP, France
A2-09	Nanophotonic structures by photopolymerization of functional inks	Ludovic BELHOMME • Univ. of Bordeaux - CRPP
A2-10	Qualitative characterization of Au et Ag thin films by near-field optical microscopy	Valentin ALLARD • Univ. Aix-Marseille - Fresnel Institute France
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A2-12	TERS Characterization of Functionalized Gold Nanostructure for Improved Biosensors.	Jean-François BRYCHE • CNRS - LN2, France
A2-13	Thermal management of VECSEL-GAAS for high-power single-mode emission	Abdelmounaim HAROURI • CNRS - C2N
A2-14	Ultrafast Direct Currents Generated by an Inverse-designed Plasmonic Antenna	Ye MOU • Sorbonne Univ. - INSP, France,
A2-15	Use of the OAD technique for high-efficiency nanostructured multilayer thin films polarizers	Etienne PANCHOUT • CNRS - Pprime Inst., France
A2-16	Impact of Ultra-thin-film Coatings on the Radiative Properties of Dual Functionality Black-Silicon	Elissa AKIKI • Univ. Gustave Eiffel - ESYCOM, France
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A3-2	Elaboration of multiscale nanostructured luminescent coatings by combining ZnO nanowires and Y3Al5O12:Ce3+ luminescent coatings	Audrey POTDEVIN • <i>Clermont Auvergne INP - ICCF, France</i>
A3-3	From Noble Metal Plasmonic to Organic Plasmonic	Pierre BLETEAU • <i>Univ. Paris Cité - ITODYS, France</i>
A3-4	Growth and NMR study of high quality ordered Mn5(Six Ge1-x)3 thin films on Ge(111) substrate	Sueyeong KANG • <i>Aix Marseille Univ. - CINaM, France</i>
A3-5	Hexagonal Ge on self-assisted GaAs Nanowires in MBE	Julia DUDKO • <i>EC Lyon - INL, France</i>
A3-6	Laser direct writing photoluminescent patterns from ZnO nanocrystals	Olivier SOPPERA • <i>CNRS - IS2M / C'Nano EST, France</i>
A3-7	Picosecond dynamics of multipulse femtosecond laser-induced transformations in Ag/TiO2 nanocomposites	Balint ELES • <i>Employer - Jean Monnet Univ. LabHC, France</i>
A3-8	Plasmonic properties and structure evolution of Ag-Fe nanoparticles produced by laser vaporization under reactive atmospheres	Julien RAMADE • <i>Univ. Poitiers - P' Institute, France</i>
A3-9	Plasmonics as a tool to reveal metal/dielectric adhesion at the nanoscale: application to buffer effect of transition metals	Rémi LAZZARI • <i>CNRS - INSP, France</i>
A3-10	Structural disorder in SrTiO3 based Ruddlesden-Popper phases	Clarisse FURGEAUD • <i>CNRS - INL, France</i>
A3-11	Structure of spin-crossover molecules ultra-thin films on Cu(110)	Amandine BELLEC • <i>CNRS - MPQ, France</i>
A3-12	Surface and interface structures of Al-Fe thin films: from metastable to high temperature phases	Julian LEDIEU • <i>CNRS - IJL, France</i>
A3-13	Thermal treatments effect about Al position and environment inside AZO thin films	Olivier KERIVEL • <i>Sorbonne Univ. INSP</i>
A3-14	Atomistic growth mechanisms of Xenes epitaxial layers revealed by in-situ scanning tunneling microscopy	Laurita FLOREAN • <i>Sorbonne Univ. - INSP & LCPMR, France</i>
A3-15	Correlative imaging of single graphene oxide flake: sample selection and limitations	Lydia CHIBANE • <i>LNE, France</i>
A3-16	Determination of the potential of the 2D transition metal carbides (MXenes) for the heterogeneous catalysis. Application to the hydrogenation reactions in gas phase and liquid phase.	Zheming LI • <i>Univ. Poitiers - IC2MP, France</i>
A3-17	Optical and electrical properties of titanium and molybdenum carbide 2D layers thin films	Sophia TANGUI • <i>Univ. Poitiers - P' Institute, France</i>
A3-18	ELENA: a European project for electrical nanoscale metrology in industry	Brice GAUTIER • <i>INSA Lyon - INL / C'Nano AURA, France</i>
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A3-21	Load versus displacement controlled nanomechanics-†: insights from atomistic simulations	Hugo ITENEY • <i>CNRS - IM2NP, France</i>
A3-22	Strain ratio and thickness effects on plasticity and cracking of nickel thin films	Pierre GODARD • <i>Univ. Poitiers - P' Institute, France</i>
A3-23	Study of the mechanical properties of polymers reinforced with nanoparticles of adjustable size, shape and surface chemistry	Sakina MEFTAH • <i>UTC - ROBERVAL/MONARIS, France</i>
A3-24	Synthesis of molecularly imprinted polymer-based hybrid nanosensors by optical near-field photopolymerization	Amine KHITOUS • <i>Haute-Alsace Univ. - IS2M, France</i>
A3-25	Towards an electrically driven high Q, GHz mechanical resonator for quantum information applications	Marie JOLY • <i>Sorbonne Univ. - INSP, France</i>