

9h30	Welcome		
10h30	Opening session (Amphi Inca)		
10H45	Plenary Lecture (Pr. J.-P. Benoit, University of Angers) Amphi Inca		
12h00	Lunch		
	Amphi Amande	Amphi Lagon	Amphi Tamaris
13h30	BOUAKKAZ - Rachid (Subatech) Co1A Kinetic study and structural evolution of the French SON68 nuclear waste glass during vapor hydration and in silica saturated conditions	BARATHA NESAN - Krishna Veni (IMMM) Co 1L Synthesis of NR based polyurethane films and study of flame retardant effect of the PU blended with phosphorylated polymers	TODOROV - Neno (IMN) Co 1T Lattice dynamics of Sc_2O_3 : polarized Raman scattering measurements and calculations
13h45	CASTAING - Rémi (IMN) Co 2A Aging of lithium-ion batteries in automobile usage	BAYLE - Kevin (CEISAM) Co 2L Metabolisms studied by isotopic ^{13}C NMR spectrometry	BRYMORA - Katarzyna (IMMM) Co 2T <i>Ab initio</i> modelling of functionalized iron oxide nanoparticles of medical interest.
14h00	CHEN - Zongyuan (Subatech) Co3A Sorption of Cs(I) and Ni(II) on Callovian-oxfordian clayey formation	CATROUILLET - Sylvain (IMMM) Co 3L Self assembly of bottle-brush supramolecular polymers driven by a competition between the strength of hydrogen bonds and the steric hindrance	BOUTS -Nicolas (IMN) Co 3T The impact of the deposition process on the microstructure and the electrical behavior of nanocomposite nickel/carbon thin films
14h15	DEMIANENKO - Pavlo (IMMM) Co 4A Impact on the enhancement of Raman signals.	CHOUBRAC Léo (IMN) Co 4L A multiscale crystal structure investigation of the defective $\text{Cu}_2\text{ZnSnS}_4$ materials: X-ray diffraction and solid state NMR	CHIBANI - Siwar (CEISAM) Co 4T Revisiting the optical signatures of BODIPY with <i>ab initio</i> tools
14h30	GUIOT- Benjamin (Subatech) Co 5A Colliders physics : theory and simulation with EPOS	DUTERTRE Fabien (IMMM) Co 5L Static and dynamic properties of cationic amphiphilic comb-like polymers in volume and at interfaces	BUVAT Gaetan (IMN) Co 5T Realization of a second generation SOFC fuel cell
14h45	BESSE - Valentin (LPhiA) Co 6A Phase distortion resolution improvement inside a 4f Z-scan system using D4 σ method	BERTHONNEAU - Clément (CEISAM) Co 6L Synthesis of ^{13}C -labeled Steroids	THOMMY ILeonard (IMN) Co 6T Improving electrocatalytic properties of SOFC electrodes using metallic nanoparticles
15h00	Poster session and Coffee break		
16h30	KARAKURT - Gockan (Subatech) Co 7A Structural and chemical properties of alpha irradiated silicate and borosilicate glasses	BRISSONNET - Yoan (CEISAM) Co 7L Topological and multivalent effects on inhibition of glycosidases	CAMUS Julien (IMN) Co 7T Epitaxial growth of AlN thin films at low temperature by magnetron sputtering technique
16h45	GILET - Yoann (IMN) Co 8A Interconnection reliability (wire bonding) of electronic systems operated in hostile environment	HAMDI Mohamed (IMN) Co 8L Crystal-chemicals characterization $\text{Cu}_2\text{Zn}(\text{Sn}_{1-x}\text{Si}_x)\text{S}_4$ compounds for photovoltaic applications	SELLEMI Houssem (IMMM) Co 8T Synthesis of nanocrystalline oxide ion conductor $\text{La}_2\text{Mo}_2\text{O}_9$ by polyol process
17h00	KERDJOUJ - Rabha (Subatech) Co 9A Scandium complexes: physicochemical study and evaluation of stability in vitro and in vivo for nuclear medicine applications	DIOMANDE - Didier (CEISAM) Co 8L Geographic characterization of cocoa by spectroscopic methods	DONVAL Gael (IMN) Co 9T DFT application to Li-ion battery materials : spatially-resolved EELS spectra of amorphous silicon
17h15	PAGEAU - Arnaud (IMN) Co 10A Study of plasma etching mechanism for application in dual band	LEROUX - Flavien (IMMM) Co 10L Synthesis of graft copolymers with 1,4-polybutadiene backbone and polar grafts according to "grafting through" and "grafting from" strategies	QUENARDEL Antoine (IMN) Co 10T Mechanical and tribological characterization of TiN, TiAlN and multi-layered TiAlN coatings prepared by different deposition routes: HiPIMS and cathodic arc
17h30	LE CALLOCH - Maxime (Subatech) Co 11A Study of direct Dark Matter detection with liquid xenon	FAUCON - Adrien (CEISAM) Co 11L An original route toward bimodal nanoparticles using a central organic scaffold.	LECUYER - Margaud (IMN) Co 11T Toward lithium metal polymer batteries
17h45	Poster session		
19h30	Dinner		

	Amphi Amande	Amphi Lagon	Amphi Tamaris
8h15	Breakfast for participants accommodated		
9h15	PATEAU Armand (IMN) Co 12A Multi-scale simulation of deep silicon etching	NGUYEN Thi Thanh Thuy (IMMM) Co 12L Directed aromatic metalation of azobenzenes	GUIGNARD Gildas (IMN) Co 12T Prototype of photobattery based on photosensitive titania sol-gel
9h30	MALLER Jennifer (Subatech) Co 13A Air showers detection at the Pierre Auger Observatory	LE CALLONNEC François (CEISAM) Co 13L Sustainable Heck–Matsuda Reaction with Catalytic Amounts of Diazonium Salts: An Experimental and Theoretical Study	SINISCALCO David (IMMM) Co 13T Structural studies of thin-layer metal-polymer assemblies by atomic force microscopy
9h45	GHADER Doried (IMMM) Co 14A Theory for Ballistic Magnon Transport via Disordered Nanojunctions in Magnonics	NZE Rene Ponce (IMMM) Co 14L Synthesis and characterization of flower-like macromolecular architectures obtained by self-assembled triblocks	LE Quoc Chon (IMN) Co 14T Evidence for electrostatic interactions mediating the affinity of phosphorylated lipid for TiO2 surface
10h00	PERRIER Aurélien (Subatech) Co 15A Study of the ¹³³ Xe exposure	TOMA Oksana (Moltech) Co 15L Photochromism and Solid State Photoluminescence of Bi and Pb Complexes and Coordination Polymers based on N-R-4,4'-bipyridinium entities (R= O, CH ₃ , CH ₂ CN)	LAMBARE Charlene (IMN) Co 15T Study of polymers surfaces metallization by plasma processes
10h15	RAGHEB Diana (Subatech) Co 16A Development of the PIXE/PIGE analysis technique at high energy with the ARRONAX cyclotron	SNELL Kristen (CEISAM) Co 16L Push-pull azo materials as photoactivable vectors of nanoparticles	NGUYEN Binh Phuong Nhan (IMN) Co 16T Design of negative and positive electrode for Lithium ion battery applied to electric traction
10h30	Poster session and Coffee break		
11h00	Amphi INCA Plenary Lecture (Dr Jean Foyer, Instituts des Sciences de la Communication du CNRS)		
12h15	Lunch		
13h45	CASSAGNE Christophe (LPhiA) Co 17A Spatially resolved phase measurement through a Mirau interferometric objective	ATZORI Matteo (Moltech) Co 17L New BEDT-TTF/[Fe(CA) ₃] ³⁻ and (S,S,S,S)-TM-BEDT-TTF/[Fe(CA) ₃] ³⁻ Hybrid Systems: Synthesis, Crystal Structure and Physical Properties	ANNE Frederic (CEISAM) Co 17T Modelling charge-transfer in dyes used in p-DSSC
14h00	SINTES Benjamin (Subatech) Co 18A Baryons in the Nambu and Jona-Lasinio Model	FAVEREAU Ludovic (CEISAM) Co 18L Molecular systems able to reproduce the Z scheme of natural photosynthesis	PRAY-IN Yingrak (IMMM) Co 18T Azlactone functionalization of magnetic nanoparticles using CRP techniques
14h15	NIANG Alioune (LPhiA) Co 19A The external continuous wave (cw) impact on the operating regime of a passively mode-locked double-clad fiber laser	LAI Thanh Loan (Moltech) Co 19L Study of Photoactive Organic Gels and their Structure	CHAUVEROUX Damien (IMMM) Co 19T Structure-properties relationships of motor lubricants
14h30	ZAKARI Abdoul-Aziz (Subatech) Co 20A Fission products β-decay study for understanding reactor antineutrino physics and for decay heat evaluation		
14h45	Amphi INCA Discussions and Prize-giving		
15h15	Departure		