



Scientific Day Program, April 9th 2015

9:00	Franz	BRUCKERT	AERES result presentation and Divers information
9:30	Eirini	SARIGIANNIDOU	<i>Al-Si-C ternary alloys: a new family of wide band gap semiconductors</i>
9:50	David	MUÑOZ-ROJAS	<i>Silver-copper mixed oxides: promising p-type oxides semiconductors</i>
10:10	Amy	WAGONER	<i>CaP scaffolds with multiscale porosity for bone tissue engineering</i>
10 :30	Coffee	Break	Poster presentations
11 :45	Jean-Luc	DESCHANVRES	<i>The MOON project : in situ analysis by X-ray synchrotron and optical method of the growth of Zinc Oxides Nanostructures by ALD or MOCVD</i>
12 :00	Laetitia	RAPENNE	<i>Apport des nouvelles techniques en Microscopie électronique à transmission (TEM).</i>
12 :15	Isabelle	PAINTRAND	<i>Couplage entre microscopie de fluorescence et microscopie électronique</i>
12 :30	Hervé	ROUSSEL	Rigaku Smartlab - A great X-ray diffraction tool, essential for LMGP
12 :45	14 :00		Repas
14 :00	15 :30		Etudiants en thèse, 1 ^{ère} année. 5' présentation et 3' questions
	Joao	RESENDE	<i>Growth and characterization of Sr-doped copper(I) oxide as p-type conductive material for transparent electronics</i>
	Vincent	FITZPATRICK	<i>Microcontact printing of growth-factor patterns on biomimetic fiber</i>
	Maxime	LEGALLAIS	<i>Electrical property study of silicon based nanonets</i>
	Hoang Long	LE TRAN	<i>Synthesis and characterisation of Al₄SiC₄ from ternary Al-Si-C</i>
	Hongjun	LIU	<i>Study and synthesis of novel fonctional material based on earth abundant elements</i>
	Sarah	DELSHADI	<i>Fast point-of-care diagnostic immuno-assay exploiting magnetic nanoparticles, structured μ-magnet arrays, and integrated electrochemical μ-detectors.</i>
	Thomas	SANNICOLO	<i>Silver nanowire based percolating networks: fundamental study of their physical properties and integration into innovating devices</i>
	Claire	VERRIER	<i>Fabrication and Physical Investigation of core-shell nanowire based solar cells</i>
	Shiqi	ZHANG	<i>Etude de l'exfoliation de monocristaux de phase MAX Cr₂AlC et V₂AlC</i>
	Mohamed	HIJAZI	<i>Tin Oxide Functionalization for Improvement Selectivity of Tin Oxide for Gas sensor Applications</i>
	Evgenii	SKOPIN	<i>Visualising the incipient growth of ZnO ultra thin films on InGaAs for tailoring contact resistivity</i>



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15 :30 17:00

Chercheurs post-doctorants ou dans d'autres situations 10' +5'

Sayari	BISWAS	<i>TiO2 nanoflowers by AA-MOCVD</i>
Arnaud	CLAUDEL	<i>MOON reactor and ZnO MOCVD process improvements</i>
Guillaume	BLAIRE	<i>Immunoassay combining micro magnet arrays and magnetic nanoparticles</i>
Myriam	AMARI	<i>Study of insulin aggregation nuclei</i>
Hong	LI	<i>Engineering novel 3D microenvironments: biological response and characterization of cell-cell and cell-material interactions</i>
Xi Qui	LI	<i>Delivery of SDF-1 to cells in a matrix bound manner</i>

17:15 Awards

Best PhD presentation, Best other presentation, best poster awards

	Prénom	Nom	
1	Loïc	BERTHOD	Functionalization and surface microstructuring using TiO2 sol-gel process and optical photolithography
2	Thomas	DEMES	<i>Study of sol-gel ZnO thin films: A first step toward the growth of ZnO nanowires and their integration into biosensors</i>
3	Thibaut	FRACHON	<i>Effect of air-liquid-solid interfaces on insulin aggregation</i>
4	Benoît	KALMAN	<i>Engineering human 3D micromuscles with co-culture of Fibroblasts and Myoblasts.</i>
5	Quentin	LUBART	<i>Moesin interaction with biomimetic systems containing phosphatidylinositol(4,5)bispophosphate (PIP2)</i>
6	Romain	PARIZE	<i>Chemical precursor effects on the growth of ZnO nanowires by chemical bath deposition and SILAR technique for ZnO NWS/In2S3 heterojunctions</i>
7	Seiffedine	ZHIOU	Microstructural analysis of intermetallic compounds formed by solid-state reaction of metal on InGaAs