Journée des doctorants LMGP 6 Avril 2017 – Amphi M001 – English

9 :00 - 9 :15	Introduction, highlights	Franz Bruckert
9 :15-9 :40	FM2N	Daniel Bellet
9 :40- 9 :50	IMBM	Catherine Picart
9 :50-10 :00	XTO	Didier Chaussende
10 :00-10 :15	Coffee break and poster presentations	
10 :15-10 :35	Introduction to DFT calculations with WIEN2K	Damir Pinek
10 :35 -11 :15	3D Design and its applications	César Arturo Masse De La Huerta
11 :15 -11 :45	Poster flash présentation	
Repas		
13 :30 -13 :45	ZnO nanonets for acetone electrical detection	Fanny Morisot
13 :45-14 :00	New generation of optical chemical sensors operating in biological environment	Morgane Bonnel
14 :00- 14 :15	Understanding the resistive switching behavior of manganite thin films	Raquel Rodriguez Lamas
14 :15-14 :30	Transparent electrodes for photovoltaic applications	Soraya Lakhdar
14 :30-14 :45	Improving the cost-efficiency ratio of new generation solar cells using novel cell nanoarchitecturés prepared by soft and scalable chemical methods	César Arturo Masse De La Huerta
14 :45-15 :00	MAX phases: From crystal growth to a complete band structure determination	Damir Pinek
15 :00-15 :15	Spatio-temporal control of the proximity of BMPR and Integrin by optogenetics	Amaris Guevara
15 :15-15 :30	Elaboration et caractérisation de REvêtements Multifonctionnels Anti-Corrosion et Anti-Biofouling	Caroline Villardi de Oliveira
15 :30- 15 :45	Posters & coffee break	
16 :45-17 :00	Conclusions & awards	

P1	Transparent Electrodes Based on Ag Nanowire Networks : from Stability Enhancement to Modeling Properties	Sara Aghazadehchors
P2	Chemical stability of Si-SiC nanostructures under physiological conditions	Romain BANGE
P3	Polarity-dependent selective area growth of ZnO nanowires by chemical bath deposition	Thomas COSSUET
P4	Fabrication of porous 3D scaffolds for bone tissue engineering	Mirasbek KUTERBEKOV
P5	Deposition of textured La2NiO4 thin films using pulsed-injection MOCVD	Klaasjan MAAS
P6	Multiphysical modeling of the different steps of an electro pneumo hydrodynamical atomization device : from generation to nebulization. »	Victorien MAMET
P7	In-Situ characterisation of oxygen ions distribution in memristive devices by advanced TEM	Edouard VILLEPREUX
P8	Ostéogenèse par un film biopolymérique chargé en BMP-2	Michael BOUYER