

J²C 2023 (5th Edition) Planning

Monday 20th March 2023

Time	Event
8:30-9:15	Reception of participants + Preparation
9:15-9:45	Opening Ceremony
9:45-10:45	Oral presentations (Session n°1: 4 orals)
9:45-10:00	Nina Bizien (LPC2E): Are Switchback boundaries observed by Parker Solar Probe all closed?
10:00-10:15	Fang Xue (CEMHTI): Structure and multiple RE3+ (RE3+ = Tb3+, Tm3+, Yb3+) luminescence sites of highly nonstoichiometric GAG
10:15-10:30	Pietro Dazzi (LPC2E): Measuring space plasmas: numerical modelling of mutual impedance probes and quasi thermal noise spectroscopy in a magnetized environment
10:30-10:45	Joachim Haemers (CEMHTI): In-situ photoinduced synthesis of metallic nanoparticle/polymer composites and the nuclear magnetic resonance study of polymer mobility
10:45-11:00	Coffee break
11:00-12:00	Oral presentations (Session n°2: 4 orals)
11:00-11:15	Minh-Hoang Nguyen (PCM2E): Mitigating Common-Mode Noise in the Totem Pole Bridgeless PFC Using Balance Boost Technique
11:15-11:30	Aymeric Beauchamp (LIFO): A user-centered framework for incremental and active clustering
11:30-11:45	Loïc Rousseau (G6HCO): Fall of a sphere into a liquid-solid suspension of variable concentration
11:45-12:00	Flash Poster session
12:00-13:30	Lunch break
13:30-15:00	Round Table: What's next for Science and Technology ?
	Invited Guests: Dr. Konrad Hinsin (CBM), Dr. Esidor Ntsoenzok (CEMHTI), Dr Marcin Suskiewicz (CBM)
13:30-14:00	Topic n°1: Recent and future evolutions of research practices and their impact on PhD students
14:00-14:30	Topic n°2: What should be done to better train the scientific researchers of tomorrow ?
14:30-15:00	Topic n°3: The impact of artificial intelligence on scientific research
15:00-15:15	Coffee break + Photo session n°1
15:15-16:45	Poster Session
Poster n°1	Cyrine Ben Othmen (GREMI): Etude de la dégradation de pesticides présents dans les eaux par plasmas non thermiques (PNT) application au Chlortoluron
Poster n°2	Marouane Tilba (PRISME):
Poster n°3	Sebastian Gfelfner (CBM): Metabolomic analysis of microbial interactions with Martian mineral materials
Poster n°4	Hadi Issa (GREMAN):
Poster n°5	Nathan Bernard (ISTO):
Poster n°6	Clémence Royer (ICARE): Study of transient oscillations in a low power Hall Thruster
Poster n°7	Ana Novak (CBM): Nanobody: a promising biotechnological tool for therapeutic and pharmacological applications
Poster n°8	Luca Campello (Gabriel Lamé): Definition of an Equivalent Fatigue Test using vibration shaker based on AI methods
Poster n°9	Nguyen My Tu Tran (PCM2E): Polymères Electroactifs π -conjugués dérivés de carbazole pour électrodes de supercondensateurs
Poster n°10	Amélie Humbrecht (ISTO):
Poster n°11	Nabila Laroui (CBM): High efficiency of histidylated-lipid based formulations for mRNA delivery in human Schwann cells
Poster n°12	Giuliano Migliorini (CBM): Enzymatic Kinetics in the Extracellular Matrix: A Study on Human Neutrophil Elastase
Poster n°13	Syrine Jebali (ICMN): Dip coating deposition of nanocomposite thin films based on water-soluble polymer and silica nanoparticles: towards hydrophobic properties
Poster n°14	Walid Okaybi (ISTO): Microfluidic Investigation of the impact of colloidal transport on two-phase flow in geological porous media
Poster n°15	Nicolas Raoux (Gabriel Lamé): Study of the analytical schemes used to predict the mechanical behavior of nanocomposites with consideration of the interphase
Poster n°16	Zhang Fu (CEMHTI): Microstructural studies the effect of Al ₂ O ₃ in molten Na ₃ AlF ₆ by Raman spectroscopy and theoretical simulations
Poster n°17	Ilse Maria Ermini (CEMHTI): Static and kinetic study of the structure of vitreous silica at high temperatures by infrared emission spectroscopy
16:45-17:45	Oral presentations (Session n°3: 4 orals)
16:45-17:00	Bashar Al Chimali (GREMAN): Road for macroporous silicon stabilization by ultrathin ALD TiO ₂ coatings as an interface for light-driven applications
17:00-17:15	Soni Sandeep Kouram (PRISME):
17:15-17:30	Yves Pain (ICMN): Study of the electropolymerisation on CVD graphene and on epitaxial graphene on silicon carbide
17:30-17:45	Zwaided Walaa (PCM2E): New green quinoxaline semiconductors
17:45-18:00	End of Day 1 Ceremony
18:00-0:00	Games and Dinner