

J²C 2023 (5th Edition) Planning

Tuesday 21st March 2023

Time	Event
9:00-09:30	Reception of participants + Preparation
9:30-10:40	Opening of Day 2 Ceremony + Oral presentations (Session n°4: 4 orals)
9:30-9:40	Opening of Day 2 Ceremony
9:40-9:55	Angela Crespi (GREMI): Is copper powder electrically conductive?
9:55-10:10	Pierre Gourbin (LPC2E): Modeling Self-Consistent Effects in Relativistic Runaway Electron Avalanches leading to Terrestrial Gamma-ray Flashes
10:10-10:25	Euan Duncan (CEMHTI): Glass-Crystallisation Synthesis and Characterisation of the New Strontium Silicate Compound Sr ₂ Si ₃ O ₈
10:25-10:40	Yanis Hazem (LPC2E): High energy phenomena in thunderstorms
10:40-11:00	Coffee break
11:00-12:00	Oral presentations (Session n°5: 4 orals)
11:00-11:15	Amadou Camara Fatokhoma (ICMN): Flexible water models for wastewater treatment: An analysis of structural and dynamic Properties
11:15-11:30	Hajar Guejjoud (GéHCO): Phosphorus surplus in France: Model and trends over the period 1920-2020
11:30-11:45	Lisa Michelat (ICARE): A fully automated tool for estimating atmospheric oxidation reaction rates of unsaturated volatile organic compounds with OH, NO ₃ , O ₃ and Cl
11:45-12:00	Alexander Nies (LPC2E): Kinetic modelling of high-temperature halogen chemistry in volcanic plumes and its impact on Earth's atmosphere
12:00-13:30	Lunch break
13:30-14:30	Invited speaker : GALIEGUE Xavier
14:30-15:00	Coffee break
15:00-16:15	Oral presentations (Session n°6: 5 orals)
15:00-15:15	Codruta Christiana Badescu Singureanu (CBM): Lanthanide(III)/Gallium(III) Metallacrowns with Cyanine-Based Chromophores: Towards Bioimaging in the NIR-II Window
15:15-15:30	Eloise Mestre (GREMI): Comparison of Argon/CO ₂ and Helium/CO ₂ plasma jets for carbon monoxide (CO) production in plasma medicine
15:30-15:45	Claire Counil (CBM): Microbubbles for theranostic applications
15:45-16:00	Inna Orel (GREMI): Efficiency of carboxyhemoglobin formation in hemoglobin solution by Ar-CO ₂ and He-CO ₂ plasma jet for plasma medicine purposes
16:00-16:15	Camille Pasquet (CBM): SDHI fungicides: What are you drinking today?
16:15-16:45	Coffee break + Vote
16:45-17:15	Closing Ceremony + Conference Prizes