Hierarchical & Functional Materials for health, environment & energy |





1ST STELORG MINI-SYMPOSIUM:

(MACRO)MOLECULAR ELECTRONICS AND SPINTRONICS

30th August 2023: Amphi Henri Benoît, Institute Charles Sadron

9:00 – 9:10: Welcoming participants

9:10 – 9:15: Amparo Ruiz-Carretero (Institute Charles Sadron, ICS) – Welcoming words

9:15 – 10:00: Ying Diao (University of Illinois Urbana-Champaign) – Understanding assembly pathways of conjugated polymers for (opto)electronics and spintronics

10:05 – 10:35: Raul Gonzalez Nunez (University of Malaga) - Molecular materials for organic electronics

10:35 - 10:55: COFFEE BREAK

10:55 – 11:40: Yossi Paltiel (The Hebrew University of Jerusalem) - Biological chiral molecules and the electron spin

11:45 – 12:15: Olivier Bardagot (Institute of Chemistry and Processes for Energy, Environment and Health, ICPEES / STELORG) - How to design polymers for high-performance organic electrochemical transistors (OECTs)?

12:15 – 14:00: LUNCH BREAK

14:00 – 14:30: Nicolas Leclerc (Institute of Chemistry and Processes for Energy, Environment and Health, ICPEES / STELORG) – Side chains in organic semiconducting polymers: a key parameter

14:35 – 15:05: Fernando Munoz Alba (University of Malaga) - Computational study of coronoid carbazole-based macrocycles: influence of isomerism

15:10 – 15:40: Anthony d'Aleo (Institute Physical And Chemistry Materials Of Strasbourg, IPCMS / STELORG) – Design, synthesis and characterization of Thermally Activated Delayed Fluorescence and Lasing dyes

15:45 – 16:15: Gabriel Martinez Alvarez (Institute Charles Sadron, ICS / STELORG) – Functional supramolecular polymers in organic electronics

16:30 – 17:30: LAB TOUR