

MaCÉPV Conference for PhD and master students

17 June 2022, 9h30-16h10

Salle de Mondrian au bâtiment 25, IPHC, Campus Cronenbourg, Strasbourg

9h30-9h55	Majed ALMALKI	Optimization of interfacial materials manufacture for organic photovoltaic devices via artificial intelligence concepts
9h55-10h15	Khoukha KHOUSSA	Artificial intelligence methods in “small data” for innovative materials and derived devices for organic photovoltaics
10h15-10h40	Cheick Oumar DIARRA	First principle molecular dynamics modeling of the transport of exciton in organic semiconductors
10h40-10h55	Coffee break	
10h55-11h15	Achille LAMBRECHT	Investigation of the thermal transport in amorphous non stoichiometric Silicon Nitride by First Principle Molecular Dynamics
11h15-11h35	Luis Eduardo RAMIREZ CIRDENAS	Low voltage organic field transistors for chemical sensor applications
11h35-11h55	Arnaud JABLONSKI	Fabrication of Silicon NPs for realizing a biochemical sensor
11h55-14h00	Lunch	
14h00-14h25	Romain VOLLONDAT	Silicon Clathrates: Versatility in Guest Occupations and their impact on the properties
14h25-14h50	Chithira VENUGOPALAN KARTHA	An Experimental Comparison study of the Cu₂O films via different preparations techniques
14h50-15h10	Slimane RAISSI	Elaboration and Characterization of Chalcogenide and Oxysulfide Perovskites for Photovoltaics
15h10-15h30	Coffee break	
15h30-15h55	Yuhan ZHONG	Photovoltaic spatial light modulators for self-activated glazing system
15h55-16h10	Khalifa Ababarar NDOYE	Ions trapping effect in liquid crystal nanocomposite