

2nd International Workshop on “New Trends in Molecular Electronics and Mechanics”

Workshop Programme

Saturday 29 th September 2018		
09:20 - 09:55	Registration	
09:55 - 10:00	Opening	
Time	Speaker	Title of talk
10:00 - 11:00	Gérard Colas des Francs	Lossy and leaky cQED-like description for quantum plasmonics: from dressed atom picture to Fano states
11:00 - 12:00	Erik Dujardin	Classical and Quantum Plasmonics: The gateway to nanoscale optical information processing devices
12:00 - 14:00	Lunch	
14:00 - 15:00	Olivier Giraud	Spin states: coherence, ant coherence and classicality
15:00 - 15:30	Break	
15:30 – 16:30	Hossein Aghababa	Ontology of Quantum Artificial Intelligence
16:30 – 17:00	Mohammad Bohloul	Scheme for creating micro-macro and macro-macro entangled states
Sunday 30 th September 2018		
Time	Speaker	Title of talk
10:00 - 11:00	Gerard Colas des Francs	Molecular plasmonics for integrated photonics
11:00 - 12:00	Omid Faizy	The ultimate miniaturization of Atomic and Molecular scale Boolean Logic Gates using QHC method
12:00 - 14:00	Lunch	
14:00 - 15:00	Bertrand Georgeot	Quantum simulations of physical systems
15:00 - 16:00	Zahra Shaterzadeh	Potential applications of semiconductor point defects for quantum technologies
16:00 – 16:30	Closing	