



# Academia Europaea Section Initiated Workshop 2018 - Inagural Lectures by New Members of Physics and Engineering Sciences

## Wednesday, 28 November 2018

### Inagural Presentations: Part I, chaired by Prof. M. Harakeh - Institut d'Estudis Catalans (IEC) (09:00 - 11:00)

-Conveners: Tamás Csörgő; Muhsin Harakeh

time	[id] title	presenter
09:00	[1] Contributions to Nonlinear Dynamics, Chaos and Complex Systems	Prof. SANJUAN, Miguel A F
09:20	[0] Bose-Einstein condensates in semiconductor microcavities	Prof. VIÑA, Luis
09:40	[2] On a new light-particle candidate for Dark Matter in high-energy nuclear transitions	Prof. KRASZNAHORKAY, Attila J.
10:00	[3] The nucleosynthesis of first stars	Prof. WIESCHER, Michael
10:05	[12] Generalized Parton Distributions and the Structure of the Nucleon	Prof. GUIDAL, Michel
10:20	[5] FAIR and its impact on Science and Technology	Prof. KALANTAR-NAYESTANAKI, Nasser
10:40	[11] Exotic shapes and collective phenomena in excited atomic nuclei	Prof. MAJ, Adam

### Inagural Presentations: Part II, chaired by prof. T. Csörgő - Institut d'Estudis Catalans (IEC) (11:30 - 13:10)

-Conveners: Tamás Csörgő; Muhsin Harakeh

time	[id] title	presenter
11:30	[10] Frontiers in Materials Modelling	Prof. ORDEJON, Pablo
11:50	[6] Large and Powerful Sources for Negative Hydrogen Ions	Prof. FANTZ, Ursel
12:10	[7] Self-organization in Burning Plasmas	Prof. CAMPBELL, David J.
12:30	[8] Quantum electron liquids and fractional quantum Hall effect	Prof. WÓJS, Arkadiusz
12:50	[4] ERC Funding in Physics and Engineering	Prof. JAJSZCZYK, Andrzej