



# 6th Summer School on INtelligent signal processing for FrontIER Research and Industry

## Tuesday 31 August 2021

**MORNING SESSION 7, PLENARY LECTURES: NEW ENERGIES KEYNOTE FIRST PART and PLENARY LECTURE SESSION 7 on: BIG DATA, MASSIVE PARALLEL COMPUTING and HIGH PERFORMANCE COMPUTING - Auditorium of Faculty of Biology (09:00 - 13:10)**

**-Conveners: Jose Manuel PEREZ**

time	[id] title	presenter
09:00	[33] KEYNOTE on NEW ENERGIES: Part 1: THE NEXT GENERATION OF SOLAR ENERGY: THE PEROVSKYTE SOLAR CELLS	Prof. PARK, Nam Gyu
10:20	Coffee break	
10:40	[34] PLENARY SESSION ON BIG DATA MPC and HPC:	
	- [1] INTRODUCTION TO BIG DATA, MASSIVE PARALLEL AND HIGH PERFORMANCE COMPUTING: THE FUNDAMENTAL SCIENCES CASE and OUTCOMES	Prof. FLIX, Josep
	- [2] NEURAL NETWORK AUTOENCODER in ASIC FOR ON-DETECTOR DATA COMPRESSION	Dr HIRSCHAUER, James Francis