

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



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## INFIERI International Summer School Series: Goals and organization

*Monday, 23 August 2021 12:40 (30 minutes)*

INFIERI: INtelligent signal processing for FrontIer Research and Industry

The co-organizers of this School edition held this year at UAM Madrid, will introduce the INFIERI International School series: the objectives of this cross-disciplinary summer school of 2 weeks duration; Built on the success of the previous 5 editions held in Oxford (2013), Paris (2014), Hamburg (2015), Sao Paulo (2017), Wuhan (2019).

How the program built as the “navigation along the full signal & data processing chain of an instrument” develops the synergy and complementarity between different domains of Fundamental Research (e.g. Astrophysics, Particle Physics) and Applied Fields (e.g. Medecine and this year New Energies) and with the most advanced High Tech aspects; Stressing the importance of the interplay between Fundamental Research, Applied Fields and Industry for their progress;

Showing how Research is essential for the Education; Stressing how the advances in technology & instrumentation are demanded by the Physics needs,

Thus making clear the link between Theory-Experiments-Technology/instrumentation.

The specific training objectives and topics of the INFIERI edition in Madrid, also including the in-person organisation essential for this school and so challenging in this COVID time will be presented.

**Presenters:** Dr SAVOY-NAVARRO, Aurore (IRFU-CEA, Université Paris-Saclay (FR), CNRS/IN2P3); Prof. DEL PESO, Jose (Universidad Autonoma de Madrid, UAM, SP); SCHOOL ORGANIZERS

**Session Classification:** OPENING SESSION and REGISTRATION