



CHAIRMAN



J. A. Tenreiro Machado

School of Engineering (ISEP),
Department of Electrical
Engineering, Polytechnic of Porto
(P.Porto), Porto, Portugal.

The concept of entropy emerges initially from the scope of physics, but it is now clear that entropy is deeply related to information theory and the process of inference. Today, entropic techniques have found a broad spectrum of applications in all branches of science.

The conference will be organized into six sessions, which reflect the inter-disciplinary nature of entropy and its applications:

- Statistical Physics
- Information Theory, Probability and Statistics
- Thermodynamics
- Quantum Information and Foundations
- Complex Systems
- Entropy in Multidisciplinary Applications

The inter-disciplinary and multi-disciplinary nature of contributions from both theoretical and applied perspectives are welcome, including papers addressing conceptual and methodological developments, as well as new applications of entropy and information theory.

SCIENTIFIC COMMITTEE



Walter Lacarbonara
University of Rome, Rome, Italy



Jose C. Principe
University of Florida, Gainesville,
FL, USA



Gian Paolo Beretta
University of Brescia, Brescia,
Italy



Geert Verdoolaege
Ghent University, Ghent, Belgium



William B. Sherwin
UNSW Sydney, Sydney, Australia



Ali Mohammad-Djafari
Former Research Director, CNRS,
Paris, France

CONFIRMED MAIN SPEAKERS



Prof. Dr. Kevin H. Knuth
University at Albany (SUNY), Albany,
NY, USA



Prof. Dr. Miguel Rubi
University of Barcelona, Barcelona, Spain



Prof. Dr. Philip Broadbridge
La Trobe University, Melbourne, Australia



Prof. Dr. Marcel Ausloos
University of Leicester, Leicester, UK



Dr. Remo Garattini
University of Bergamo, Bergamo, Italy



Prof. Dr. Nihat Ay
Max Planck Institute for Mathematics in
the Sciences, Leipzig, Germany



Dr. Ginestra Bianconi
Queen Mary University of London,
London, UK



Prof. Dr. Luca Gammaitoni
Dipartimento di Fisic, Università degli
Studi di Perugia, Perugia, Italy



Prof. Dr. Abraham Marmor
Technion-Israel Institute of Technology,
Haifa, Israel

ORGANIZATION

School of Engineering (ISEP),
Polytechnic of Porto (P.Porto),
Porto, Portugal

Entropy, an Open Access Journal by MDPI

✉ entropy2020@mdpi.com

🌐 sciforum.net/conference/Entropy2020

🐦 [@Entropy_MDPI](https://twitter.com/Entropy_MDPI) / [#entropy2020](https://hashtab.com/entropy2020)

DEADLINES

Early bird: 6th March 2020

Abstract Submission: 12th January 2020

Covering author registration: 6th April 2020