

# Complexity in High Energy and Statistical Physics

## Circular 1

We are pleased to announce the upcoming Symposium on Complexity in High Energy and Statistical Physics, to be held at the Ettore Majorana Centre in Erice, Italy, from December 1 to 7, 2024.

The Symposium will comprehensively cover a diverse range of topics, including Foundations of Nonadditive Entropies, Applications of Nonadditive Entropies, Nonadditive Entropies and Complex Systems, Scale-free systems and networks, (multi)fractals, self-similar systems, Renormalization Group of QFT, Electromagnetic plasma, the bootstrap approach to QFT, Nonextensive statistics and Transport processes, Nonextensive statistics in Cosmology, Perspectives in Hadron Physics, and Perspective in High-Energy Physics.

The Ettore Majorana Centre, maintained by the Ettore Majorana Foundation, and traditionally hosts courses and scientific meetings. For further information, please visit <https://ettoremajoranafoundation.it>. The Symposium is integrated to the framework of the International School of Complexity ( <https://ettoremajoranafoundation.it/scuola/international-school-on-complexity> ).

For additional information on the Symposium, please visit <https://sites.usp.br/chesp/>.

We appreciate if you could share this information among those potentially interested.

### Symposium Directors

Airton Deppman (University of São Paulo – Brazil)

Evaldo Curado (Centro Brasileiro de Pesquisas Físicas – Brazil)

Ignacio de Bediaga e Hickman (Centro Brasileiro de Pesquisas Físicas – Brazil)

### Directors of the International School on Complexity

Antonio Zichichi

Giorgio Benedek

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