



Nuclei in the Cosmos XVIII

SCHOOL

June 10 - 13

Reial Acadèmia de Ciències i Arts de Barcelona

La Rambla, 115

08001 Barcelona, Spain

<https://indico.icc.ub.edu/event/560/>

SYMPOSIUM

June 15 - 20

Palau de Congressos de Girona

Pg. De la Devesa, 35

17001 Girona, Spain

<https://indico.icc.ub.edu/event/341/>

TOPICS

Big Bang nucleosynthesis

Galactic chemical evolution

Stellar evolution (I): hydrostatic phases - s/i-process

Stellar evolution (II): explosive nucleosynthesis - r/p-process

Stellar abundances: spectroscopic vs. meteoritic determinations

Nuclear reactions

Neutrinos

High-density matter - EOS of Neutron Stars

New facilities and experimental techniques

Atomic and nuclear data

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