



GERARD NAVÓ

Interested in the understanding of the origin of the heaviest elements in the Universe and Supernovae.

CONTACT DETAILS:

Telephone: +34 690-137-277

Email: gnavo@theorie.ikp.physik.tu-darmstadt.de

Technische Universität Darmstadt

Institut für Kernphysik

Schlossgartenstraße 2

D-64289 Darmstadt

EDUCATION

Master's Degree in High Energy Physics, Astrophysics and Cosmology

Universitat Autònoma de Barcelona (UAB), 2018-2019

Bachelor's Degree in Physics

Universitat de Barcelona (UB), 2013-2018

RESEARCH EXPERIENCE

Institut für Kernphysik (IKP), TU-Darmstadt

DOCTORAL STUDENT, 2020-

Supernova simulations and nucleosynthesis.

Institute of Cosmos Sciences (ICCUB), UB

COLLABORATOR, 2019-2020

Follow up of subthreshold LIGO/Virgo GWs from binary neutron star mergers with Evryscope counterparts.

Dept. of Quantum Physics and Astrophysics, UB

COLLABORATOR, 2018-2019

Development of an automated statistical method that uses medium-resolution spectroscopic observations of a set of stars to select those that show evidence of possessing significant amounts of neutron-capture elements.

PUBLICATIONS

G. Navó, J.L. Tous, J.M. Solanes. "A statistical method for the identification of stars enriched in neutron-capture elements from medium-resolution spectra." *A&A*, 631 (2019) A93.