

Third Santa Cruz School on Multi-Messenger Astrophysics

July 13-22, 2024

University of California, Santa Cruz

Intended for • advanced graduate students and beginning postdoctoral researchers interested in nuclear and particle astrophysics – theory, experiment, or observation.

Apply Online • N3AS.berkeley.edu/summer2024

Application Deadline • May 31, 2024

Support available to cover participants' local costs

Featuring:

- Stefan Ballmer**..... Current and Future Gravitational Wave Detectors
Neil Cornish..... Physics and Sources of Gravitational Waves
Rodrigo Fernandez..... Neutron Star Mergers and Other Transients
Stefania Gori..... Probes of Dark Matter
Marc Kamionkowski..... Cosmological Puzzles
Brian Keating..... Fundamental Physics from the Cosmic Microwave Background
Jim Lattimer..... The Properties and Structure of Neutron Stars
Rebecca Leane..... Dark Matter in Astrophysics
Lu Lu..... High Energy Astrophysical Neutrinos and IceCube
Hitoshi Murayama..... Neutrino Properties and Leptogenesis
Gabriel Orebi Gann..... Probing Neutrino Properties in the Laboratory
Yong-Zhong Qian..... Nucleosynthesis and Galactic Chemical Evolution

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