复旦大学物理系 Colloquium

Time: 14:00, Tuesday, 2022.12.6

Location: C108, Jiangwan Physics Building

Tencent Meeting ID: 555-1423-1738, Password: 2005

Origin, life, and pulsar evolution to millisecond

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Abstract: Pulsars, in binary systems or isolated, are born from a stellar core collapse. They are highly magnetized rotating neutron star that emits beams of electromagnetic radiation out of its magnetic poles. I will review the variety of pulsars and open questions of their origin, life and, and evolution.

Biography: Prof. Dr. Maurizio Falanga received his university degree for Theoretical Physics and Astronomy at the University of Basel, Switzerland. Afterwards he received his PhD degree in astrophysics from the University of Rome "La Sapienza". Afterwards he held various Post-doc positions between Europe (Paris) and the USA (Tucson Arizona). His research interests are most focused on: Accretion and emission in neutron stars, white dwarfs and black holes. Between 2009 and 2021 he was Scientific Programme Manager at International Space Science Institute in Bern Switzerland (ISSI), and between 2013 and 2019 he was appointed as the first Executive Director of ISSI-Beijing, China. As of 1 August, the University of Bern has appointed Maurizio Falanga as Professor of Space Sciences and is now also a Director at ISSI.