



Dear colleague,

The 9th edition of the

Nuclear Physics in Astrophysics

conference will take place September 15-20, 2019 at the [Castle Waldthausen](#), which is located about 50 km west of Frankfurt/Main close to Mainz, Germany.

Nuclear physics is the necessary link between astronomical observations, stellar models and galactic chemical evolution. The impressive progress in astrophysics during the last decades explaining and predicting astronomical scenarios was only possible because of the fruitful interplay between all disciplines. New insights in one field triggered new developments in the other fields. New experimental techniques are typically the response to new predictions and observations. Recent success stories involve exotic objects like merging neutron stars, more abundant red giants or even rather ordinary stars as the Sun.

Every two years the Nuclear Physics in Astrophysics Conference brings together researchers from a multi-disciplinary community of experimental and theoretical nuclear physicists, astronomers, astrophysicists and cosmo-chemists to discuss the current challenges of this exciting and fast developing research field.

The conference series is supported by the Nuclear Physics Division of the European Physical Society. Former conferences of this series were held in Catania (2017), York (2015), Lisbon (2013), Eilat (2011), Frascati (2009), Dresden (2007), Debrecen (2005, 2002).

The conference is jointly organized by

René Reifarth (Goethe University, Frankfurt, Germany)

Almudena Arcones (Technical University Darmstadt, Darmstadt, Germany)

Klaus Blaum (Max Planck Institute for Nuclear Physics, Heidelberg, Germany)

Yuri Litvinov (GSI, Darmstadt, Germany)

The details about the conference venue, accommodation, etc. will be given in the forthcoming circulars and on the constantly updated website:

<http://exp-astro.de/meetings/npa-2019/>

Conference Office:

Kirstin Schäfer
Institut für Angewandte Physik
Johann Wolfgang Goethe-Universität
Max-von-Laue-Straße 1
60438 Frankfurt am Main
Germany

Email: npa-2019@physik.uni-frankfurt.de

We want to keep the spirit and tradition of former editions of the conference and will have no parallel sessions. ***Each talk is a plenary talk!*** The program will consist of about 20 invited and 40 contributed talks. The selection will be based on the recommendations of the International Advisory Committee (IAC) and the submitted abstracts.

All other contributions, which can not be presented orally, will have the chance to present a poster in one of two dedicated poster sessions.

The members of the IAC are:

Pierre Descouvemont (Université Libre de Bruxelles, Brussels, Belgium)
Raphael Hirschi (Keele University, Keele, UK)
Franz Käppeler (Karlsruhe Institute of Technology, Karlsruhe, Germany)
Anu Kankainen (University of Jyväskylä, Jyväskylä, Finland)
Maria Lugaro (Konkoly Observatory, Budapest, Hungary)
Michael Paul (Hebrew University, Jerusalem, Israel)
Friedrich-Karl Thielemann (Universität Basel, Basel, Switzerland)
Michael Wiescher (University of Notre Dame, Notre Dame, IN, USA)

The conference will be preceded by a school and followed by satellite workshops. Further information and any additional organizational details like the participation fees, proceedings and the deadlines will be provided in the second circular.

Please forward this announcement to everybody who may be interested in the conference.

We are looking forward to meet you at the next NPA,

René, Almudena, Klaus, Yuri.