



## 7<sup>th</sup> edition of biannual p-process workshop

*September 23-27, 2019*

Boscareto Resort, Serralunga d'Alba (Cn), Italy

Website: <http://www.b2fh.org/pwork2019/index.html>

Email address for contact: [pwork2019@b2fh.org](mailto:pwork2019@b2fh.org)

Current sponsors:



# SECOND CIRCULAR

**Dear colleagues,**

this is the second circular to announce the 7<sup>th</sup> edition of the biannual p-process workshop, which will be held on September 23<sup>rd</sup> – 27<sup>th</sup>, 2019, at Boscareto Resort, Serralunga d'Alba (Cn), in Piedmont (Italy) in the Langhe region, one of the most characteristic area of Italy, less than 100 Km South from the largest city of Piedmont, Turin, where the most famous Italian wine (Barolo) grows. Website of the workshop location: <http://www.ilboscaretoresort.it/en/meeting/>

The goal of the workshop is to

- Investigate the role of different kind of supernovae (core collapse and thermonuclear) in the synthesis of p-nuclei, providing constraints on the still uncertain supernova models;
- Create a priority list for critical reaction rates during explosive conditions to be measured, identifying the relevant nuclear reactions for the  $\gamma$  process;
- Make a comparison of prediction from models to isotopic anomalies in pristine meteorites.
- The final goal will be to build up a step further in solving the mystery of the astrophysical source/sources of p-nuclei.

The meeting will be a full week event divided into the following Session each including an invited/review presentation and contributed talks on different aspects related to p-process nucleosynthesis, i.e.

- Nuclear physics/experiments related to p-rprocess nucleosynthesis
- Stellar models and nucleosynthesis
- Meteorites and radioactives
- Presolar grains
- Chemical evolution

## List of invited/review speakers

**Opening talk (1h):** M. Wiescher (tbc)

**Review talks (50 min):** A. Davis, T. Rauscher

**Invited talks (40 min):** B. Cote', C. Froelich, J. Glorius, R. Hix, A. Hunt, G. Kiss, C. Kobayashi, A. Simon

## Registration and Abstract submission

Registration can be done on the following web site

<https://app.b2fh.org/cgi-bin/b2fh/b2fh.cgi>

The registration fee is 220€ (180€ for students and accompanying persons). The payment will have to be done via Money Transfer (details are on the following webpage <http://www.b2fh.org/pw19test/registration.html> ).

The conference fee will include lunches, coffee breaks, one afternoon tour at Fontanafredda cantines and a buffet after the tour.

The oral and poster presentations will be selected from the submitted abstracts. You can submit the one-page abstract in the PDF form at the registration page. The template file can be found at <http://www.b2fh.org/pwork2019/registration.html>. The deadline for the abstract submission will be April 30<sup>th</sup>.

## Accommodation

The participants will have to book the hotel by themselves. A list of the hotels conventioned with the workshop is available at <http://www.b2fh.org/pwork2019/hotels.html>. The rooms will be reserved for the workshop participants only for a very limited amount of time (till April 30<sup>th</sup> 2019) due to the fact that September is a very high season for that region.

Therefore **PLEASE BOOK YOUR ROOM AS SOON AS POSSIBLE** in order to be able to stay in one of our conventioned hotel (where we will also be able to offer free transportation every morning and every afternoon to and from the meeting place). If you will book the hotel after April 30<sup>th</sup> we will not be able to ensure a room for you in the conventioned hotel. We are sorry for this tiny schedule but we have to accept the rules of the hotel.

## Transport

We will organize transport from Turin Caselle and daily transports from different hotel to the workshop location (depending on the number of participants interested we can also plan a transport from Turin train station to Serralunga d'Alba). In case you want to use our organized transport please let us know before the registration deadline.

## Financial support

Thanks to our JINA-CEE sponsor, a limited amount of financial support will be provided to students and researchers at their early-stage career to encourage their participation in the workshop. We expect to offer limited support to fully or partially cover domestic travel and local expenses based on availability of funds. Participants will be able to apply for the support on the online registration.

## Social Activities and Excursion

A welcome reception will be held in the evening of September 22, 2019 at Boscareto Resort (<http://www.ilboscaretoresort.it/en/>).

Excursion will be arranged on September 25th, 2019 with a winery tour to the Italian first King cantines, wine testing and a buffet after the tour (<http://www.fontanafredda.it/site/en/village/>). This will be covered by the conference fee and we will organize the transport back and forth Fontanafredda for that afternoon.

## Important dates

First Circular February 2019

Registration open April 2<sup>nd</sup> 2019

Start Abstract Submission April 2<sup>nd</sup> 2019

Abstract submission deadline April 30<sup>th</sup> 2019

Financial support request deadline April 30<sup>th</sup> 2019

Decision talk/poster May 15<sup>th</sup> 2019

Hotel room reserved for participants April 30<sup>th</sup> 2019

Registration fee closed June 17<sup>th</sup> 2019

Final program online June 30<sup>rd</sup> 2019

Cancellation deadline (for cancellation after the deadline we will not be able to give back the conference fee) July 15<sup>th</sup> 2019

## Scientific Committee

- Almudena Arcones (University of Darmstadt, Germany)
- Gyorgy Gyürky (ATOMKI, Debrecen, Hungary)
- Claudia Lederer-Woods (University of Edinburg, UK)
- Nan Liu (Washington University, St. Louis, USA)
- Maria Schoenbachler (ETH, Zurich)
- Artemis Spyrou (Michigan State University, USA)
- Friedel Thielemann (Emeritus, University Basel, CH)

## Sponsors and Hosts

The workshop is co-sponsored by JINA-CEE, Hungarian Academy of Science, CAEN, Yobiminds Ltd., B2FH Association.

The workshop will be hosted by Boscareto Resort and it will also be supported by Fontanafredda.

## Contacts

Workshop, [pwork2019@b2fh.org](mailto:pwork2019@b2fh.org)

Claudia Travaglio, [claudia.travaglio@inaf.it](mailto:claudia.travaglio@inaf.it)

We are looking forward to see you in Serralunga d'Alba  
in September!

With our best regards,

***Claudia Travaglio*** (INAF-Turin, Italy, chair)

***Maria Lugaro*** (Konkoly Observatory Budapest, Hungary,  
co-chair)

***Umberto Battino*** (University of Edinburgh, UK)

***Marco Pignatari*** (University of Hull, UK)

***Gianpiero Gervino*** (INFN, Turin, Italy)

for the Local Organizing Committee.

