

3rd International Workshop on Proton-Boron Fusion

Prague 2 – 5 October 2023
Czech Republic



VENUE

2nd to 4th October at the Italian Cultural Institute of Prague
5th October at the ELI Beamlines Facility

MC Meeting CA21128-PROBONO

4th October 2023 (afternoon) the Italian Cultural Institute of Prague

<https://indico.eli-laser.eu/e/ProtonBoronFusion2023>

PRELIMINARY LIST OF INVITED SPEAKERS

Fabio BELLONI / Status, prospects and basic research needs of p-11B fusion
Aleksander BILEWICZ / Medically important radionuclides obtained by alpha particle irradiation
Richard MAGEE / Measurements of pB11 alphas in a magnetically confined plasma
Mike CAMPBELL / Development of Inertial Fusion Energy programs
Tom MEHLOHRN / Developing an initial point design for a proton boron IFE reactor
Alex ROBINSON / Propagation of Ultra-Intense Ion Beams in Plasmas
Valeriia ISTOKSKAIA / Alpha-particles generation triggered by a 10 GW tabletop laser
Eric LERNER / Preparations for and early results of pB11 tests in FF-2B Dense Plasma Focus
Yongtao ZHAO / A much-higher-than-predicted measurement of proton-Boron fusion at extremes

COVERED TOPICS

- Theory and simulation
- New experimental results
- Diagnostics and target materials
- Advanced fusion approaches
- Non-power applications

SCIENTIFIC COMMITTEE

L. Giuffrida (Chair)
K. Batani (Co-Chair)
D. Batani
F. Belloni
G.A. Pablo Cirrone
D. Hoffman
D. Margarone
A. Picciotto
M. Tatarakis
E. Turcu





CALL FOR ABSTRACTS

Participants are invited
to submit their abstracts
for oral or poster presentations.
Extended deadline 31st July 2023

FEES

Fee: 150 € - early bird fee - registered & paid until August 31, 2023
250 € - late registration – from September 1, 2023

SPONSORS

Marvel Fusion  , HB11 
Support of the Italian Embassy in Prague and the Italian Cultural Institute of Prague



Science and
Technology
Facilities Council

