

**COST Action CA21128: "PROton BORon Nuclear fusion:  
from energy production to medical applicatiOns"**

**Working Group meeting**

**Agenda**

**11/04/2023**

**Face to face, Prague, Czech Republic**

U Slovanky 2525/1a 182 00 Praha 8, Czech Republic

**Session 1, Chair: Daniele Margarone**

14:00 – 14:30 D. Batani, *"Hydrogen boron fusion in confined geometries"*

14:30 – 15:00 M. Tosca, *"Unambiguous detection of alpha particles on Thomson Parabola"*

15:00 – 15:30 H. Larreur et al., *"Medical-use radioisotopes production using a high-repetition-rate laser system"*

15:30 – 15:45 Coffee Break

**Session 2, Chair: Aldo Bonasera**

15:45 – 16:15 N. Pop, *"Dissociative recombination and electron-induced excitation and of BeH<sup>+</sup> ions isotopomers"*

16:15 – 16:45 C. Daponta, *"Simulations applied for the experimental verification of the avalanche effect in proton-boron fusion"*

16:45 – 17:15 S. Moustazis, *"High alpha production from low density p-11B medium configurations"*

**Session 3, Chair: Dimitri Batani**

17:15 – 18:00 General discussion