

2nd International Workshop on Proton-Boron Fusion

Monday, 5 September 2022

Reaction schemes (15:10 - 16:10)

-Conveners: Daniele Margarone

time	[id] title	presenter
15:10	[71] INVITED TALK: The “hybrid” approach to proton-boron inertial fusion	Dr MELHOR, Tom
15:40	[72] A nonthermal mixed fuel reactor concept for nuclear fusion	Prof. RUHL, Hartmut

Reaction schemes (16:30 - 18:40)

-Conveners: Dimitri Batani

time	[id] title	presenter
16:30	[73] INVITED TALK: Proton Boron Fusion revisited with respect to Accelerator Driven High Energy Density Science	Prof. HOFFMANN, Dieter
17:00	[74] Proton-Boron Fusion Using Moderate-Intensity Tabletop Laser at High Repetition Rate	Ms ISTOKSKAIA, Valeria
17:20	[75] Alpha heating and avalanche effect simulations for low density proton-boron fusion plasma	Prof. MOUSTAIZIS, Stavros
17:40	[76] Proton-Boron-Fusion for Enhanced Alpha-Particle Emission from Laser-Plasma Heating of Novel, Hydrogen-and-Boron-Rich, Borane, Microstructured, Solid Targets	Prof. TURCU, Edmond
18:00	[77] Investigation of proton-beam-driven fusion reactions generated by an ultra-short petawatt-scale laser pulse	Dr SCHOLLMEIER, Marius
18:20	[78] Wrap up by invited speakers and discussion	