

Borexino General Meeting

“Special Session”

2021, December 1st at 3:00 PM CET



Abstract

To mark the recent end of data taking, in occasion of the next Borexino Collaboration meeting we will hold a special session in the afternoon of December 1st with a few talks for a recollection of the history and the achievements of Borexino throughout its three decade long saga. Gianpaolo and Frank will remind the key moments of the vibrant scientific and intellectual endeavor which led to the construction of the experiment, while scientists both internal and external to the Collaboration will review the major achievements and legacy of Borexino in the neutrino field. Other long-time Borexino friends will attend and give their tribute to the experiment.

AGENDA (Duration: 4h 20')

3:00 PM A. Zoccoli (or E. Previtali) – 15': "Greetings from the LNGS-INFN management"

1st session – *chair*: Forentini

3:15 PM G. Bellini – 45': "The longstanding adventure of Borexino, from ideas to stars"

4:00 PM W. Haxton – 30': "The development and resolution of the solar neutrino puzzle: Borexino's lasting legacy"

4:30 PM F. Calaprice – 45': "The uniqueness of the Borexino detector, a technological miracle".

5:15 PM – *coffee break* –

2nd session – *chair*: G. Ranucci

5:30 PM J. Whitmore – 20': "The experience of working with a successful experiment from the NSF perspective"

5:50 PM F. Vissani – 20': "Borexino and the fundamental physics"

6:20 PM F. Villante – 20': "The role of Borexino in solar physics"

6:50 PM F. Mantovani – 20': "The role of Borexino in the geoneutrino physics"

7:20 PM – *end of the session* –