

Solar Neutrinos Astrophysics at LNGS: Borexino and Gallex Experiments



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome from Lincei

Tuesday, September 12, 2023 10:00 AM (10 minutes)

Presenter: PARISI, Giorgio (La Sapienza University & INFN Roma 1)

Session Classification: Morning Session

Contribution ID: 2

Type: **not specified**

Welcome from INFN

Tuesday, September 12, 2023 10:10 AM (10 minutes)

Presenter: ZOCCOLI, Antonio (Presidente INFN)

Session Classification: Morning Session

Contribution ID: 3

Type: **not specified**

Neutrinos at Gran Sasso: the beginnings

Tuesday, September 12, 2023 10:20 AM (50 minutes)

45 min plus 5 min discussion

Presenter: MAIANI, Luciano (La Sapienza University & INFN Roma 1)

Session Classification: Morning Session

Contribution ID: 4

Type: **not specified**

The Gallex experiment

Tuesday, September 12, 2023 11:25 AM (50 minutes)

45 min plus 5 min discussion

Presenter: KIRSTEN, Till (Max-Planck-Institut für Kernphysik)

Session Classification: Morning Session

Contribution ID: 5

Type: **not specified**

The Borexino experiment

Tuesday, September 12, 2023 12:15 PM (50 minutes)

45 min plus 5 min discussion

Presenter: BELLINI, Gianpaolo (University of Milano & INFN Milano)

Session Classification: Morning Session

Contribution ID: 7

Type: **not specified**

Impact of the Borexino and Gallex results on the interpretation of the solar neutrino data in term of neutrino flavor conversion

Tuesday, September 12, 2023 3:00 PM (50 minutes)

45 min plus 5 min discussion

Presenter: SMIRNOV, Alexei (Max-Planck-Institut für Kernphysik, Heidelberg and ICTP Trieste)

Session Classification: Afternoon Session

Contribution ID: 8

Type: **not specified**

Astrophysical implications for the understanding of the Sun and the stars of the solar neutrino results from Borexino and Gallex

Tuesday, September 12, 2023 4:05 PM (50 minutes)

45 min plus 5 min discussion

Presenter: HAXTON, Wick (University of California)

Session Classification: Afternoon Session

Contribution ID: 9

Type: **not specified**

Closing remarks

Tuesday, September 12, 2023 4:55 PM (35 minutes)

Presenter: VOTANO, Lucia (INFN)

Session Classification: Afternoon Session