

The Physics of the Sun and the Solar Neutrinos: 2nd

Report of Contributions

Contribution ID: **0**

Type: **not specified**

Registration

Monday 4 October 2010 08:30 (30 minutes)

Contribution ID: 1

Type: **not specified**

Welcome - Chair: A. Ianni

Monday 4 October 2010 09:00 (15 minutes)

Contribution ID: 2

Type: **not specified**

Best values and uncertainties of the nuclear reaction cross sections important to solar burning

Monday 4 October 2010 09:15 (15 minutes)

Presenter: Dr FORMICOLA, Alba (INFN - LNGS)

Contribution ID: 3

Type: **not specified**

Solar abundances

Monday 4 October 2010 09:30 (40 minutes)

Presenter: Prof. GREVESSE, Nicolas (Institut d'Astrophysique, Université de Liège)

Contribution ID: 4

Type: **not specified**

Update on the Solar Standard Model

Monday 4 October 2010 10:10 (40 minutes)

Presenter: Prof. SERENELLI, Aldo (Institute for Advanced Study, Princeton)

Contribution ID: 5

Type: **not specified**

Helioseismology - Chair: A. Formicola

Monday 4 October 2010 11:20 (40 minutes)

Presenter: Prof. CHAPLIN, William J. (University of Birmingham)

Contribution ID: 6

Type: **not specified**

Some new explorations of the solar (stellar) plasma in space and on ground: dynamical models and related neutrino predictions

Monday 4 October 2010 12:00 (40 minutes)

Presenter: Prof. TURCK-CHIEZE, Sylvaine (CEA Saclay)

Contribution ID: 7

Type: **not specified**

Helioseismic and solar neutrino constraints on the composition and on the opacity of the sun - Chair: D. Montanino

Monday 4 October 2010 14:30 (40 minutes)

Presenter: Dr VILLANTE, Francesco (L'Aquila University)

Contribution ID: 8

Type: **not specified**

Phenomenology of solar neutrinos and SSM parameters (preliminary) - Chair: M. Nakahata

Tuesday 5 October 2010 09:30 (40 minutes)

Presenter: Prof. PEÑA GARAY, Carlos (IFIC, Valencia)

Contribution ID: 9

Type: **not specified**

Solar neutrinos and theta- 13

Monday 4 October 2010 15:10 (40 minutes)

Presenter: MALTONI, Michele (Unknown)

Contribution ID: **10**

Type: **not specified**

Collective plasma processes and contributions to opacity in the solar interior

Presenter: Prof. BINGHAM, Robert (CCLRC/RAL)

Contribution ID: **11**

Type: **not specified**

Social dinner

Contribution ID: 12

Type: **not specified**

Solar neutrino results from Super-Kamiokande - Chair: G. Ranucci

Monday 4 October 2010 16:50 (40 minutes)

Presenter: Prof. YAMADA, Satoru (Kamioka Observatory, Institute of Cosmic Ray Research, University of Tokyo)

Contribution ID: 13

Type: **not specified**

Results on solar neutrinos from Borexino

Tuesday 5 October 2010 10:10 (40 minutes)

Presenter: TESTERA, Gemma (INFN, Sezione di Genova - Universita & INFN, Genova)

Contribution ID: 14

Type: **not specified**

SNO+ and future solar neutrino experiments - Chair: A. Razeto

Tuesday 5 October 2010 11:20 (40 minutes)

Presenter: Prof. CHEN, Mark (Queen's University, Canada)

Contribution ID: 15

Type: **not specified**

Asymmetric dark matter and the Sun

Tuesday 5 October 2010 12:30 (30 minutes)

Presenter: FRANDSEN, Mads (Oxford University)

Contribution ID: 16

Type: **not specified**

Search for WIMP annihilation in the Sun with Super-Kamiokande - Chair: Y. Koshio

Tuesday 5 October 2010 14:30 (30 minutes)

Presenter: Prof. YAMADA, Satoru (Kamioka Observatory, Institute of Cosmic Ray Research, University of Tokyo)

Contribution ID: 17

Type: **not specified**

Summary talk

Tuesday 5 October 2010 15:00 (1 hour)

Presenter: Dr VISSANI, Francesco (INFN - LNGS)

Contribution ID: **18**

Type: **not specified**

Antineutrino imprint by solar flare

Tuesday 5 October 2010 12:00 (30 minutes)

Presenter: Prof. FARGION, Daniele (Physics Department, Rome University 1 and INFN Rome)

Contribution ID: **19**

Type: **not specified**

Solar neutrinos and non-standard neutrino properties

Monday 4 October 2010 15:50 (40 minutes)

Presenter: PALAZZO, Antonio (CSIC - University of Valencia)