

Neutron Detectors and Related Applications –NDRA 2016

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening

Presenters: Prof. QUARANTA, Alberto; Prof. DALLA BETTA, Gian-Franco (TIFP)

Contribution ID: 1

Type: **not specified**

Neutron Interaction with Matter: Basics for Neutron Detection (1)

Wednesday, June 29, 2016 9:30 AM (1 hour)

Presenter: Prof. HAYWARD, Jason (University of Tennessee and ORNL)

Contribution ID: 2

Type: **not specified**

Neutron Interaction with Matter: Basics for Neutron Detection (2)

Wednesday, June 29, 2016 11:00 AM (1 hour)

Presenter: Prof. HAYWARD, Jason (University of Tennessee and ORNL)

Contribution ID: 3

Type: **not specified**

Organic and inorganic scintillators for Neutron Detection (1)

Wednesday, June 29, 2016 12:00 PM (1 hour)

Presenter: Prof. MOSZYNSKI, Marek (National Centre for Nuclear Research, Poland)

Contribution ID: 4

Type: **not specified**

Organic and inorganic scintillators for Neutron Detection (2)

Wednesday, June 29, 2016 2:00 PM (1 hour)

Presenter: Prof. MOSZYNSKI, Marek (National Centre for Nuclear Research, Poland)

Contribution ID: 5

Type: **not specified**

Production and testing of commercial scintillators

Wednesday, June 29, 2016 3:00 PM (1 hour)

Presenter: Dr SCHOTANUS, Paul (Scionix-Nederlands)

Contribution ID: 6

Type: **not specified**

Design of Scintillator Detectors for neutrons

Thursday, June 30, 2016 8:30 AM (2 hours)

Presenter: Prof. ENGELS, Ralf (Forschungszentrum Jülich, Germany)

Contribution ID: 7

Type: **not specified**

Monte Carlo Principles for Neutron Experiments

Thursday, June 30, 2016 11:00 AM (2 hours)

Presenter: Dr FERRARI, Alfredo (CERN)

Contribution ID: 8

Type: **not specified**

Principles of Semiconductor Detectors

Thursday, June 30, 2016 2:00 PM (2 hours)

Presenter: Dr KRAMBERGER, Gregor (Jozef Stefan Institute)

Contribution ID: 9

Type: **not specified**

Gas Detectors for Neutrons

Friday, July 1, 2016 8:30 AM (2 hours)

Presenter: Dr GUERARD, Bruno (Institute Laue-Langevin, France)

Contribution ID: **10**

Type: **not specified**

Design and Analysis in Neutron Resonance Experiments

Friday, July 1, 2016 11:00 AM (2 hours)

Presenter: Dr SCHILLEBEECKX, Peter (EC-JRC-IRMM, Belgium)

Contribution ID: 11

Type: **not specified**

Neutron Sources

Friday, July 1, 2016 2:00 PM (1 hour)

Presenter: Prof. HALL-WILTON, Richard (European Spallation Source, Lund, Sweden)

Contribution ID: 12

Type: **not specified**

Detectors for Spallation Sources

Friday, July 1, 2016 3:00 PM (1 hour)

Presenter: Prof. HALL-WILTON, Richard (European Spallation Source, Lund, Sweden)

Contribution ID: 13

Type: **not specified**

Recent results at nTOF: $7\text{Be}(n,\alpha)$ cross section measurements for the fixing of the problem of cosmological Lithium

Friday, July 1, 2016 4:30 PM (30 minutes)

Presenter: Dr FINOCCHIARO, Paolo (INFN-LNS, Catania, Italy)

Contribution ID: 14

Type: **not specified**

Production and detection of thermal neutrons

Saturday, July 2, 2016 8:30 AM (1 hour)

Presenter: Prof. POSPISIL, Stanislav (Czech Technical University in Prague, Czech Republic)

Contribution ID: 15

Type: **not specified**

Detectors for neutron imaging

Saturday, July 2, 2016 9:30 AM (1 hour)

Presenter: Prof. POSPISIL, Stanislav (Czech Technical University in Prague, Czech Republic)

Contribution ID: **16**

Type: **not specified**

Neutron radiobiology: medicine and space

Saturday, July 2, 2016 11:00 AM (2 hours)

Presenter: Prof. DURANTE, Marco (TIFP)

Contribution ID: 17

Type: **not specified**

Neutrons in space

Presenter: Prof. DURANTE, Marco (TIFP)

Contribution ID: **18**

Type: **not specified**

Neutron measurements in fusion research

Saturday, July 2, 2016 2:00 PM (2 hours)

Presenter: Dr TARDOCCHI, Marco (Istituto di Fisica del Plasma "Piero Caldirola",CNR)

Contribution ID: **19**

Type: **not specified**

Closing

Presenters: Prof. QUARANTA, Alberto (University of Trento and TIFPA INFN, Trento, Italy); Prof. DALLA BETTA, Gian-Franco (TIFP); Prof. DURANTE, Marco (TIFP)

Contribution ID: 20

Type: **not specified**

Book of Abstracts

Friday, July 1, 2016 5:00 PM (2 hours)

Presenter: Prof. DALLA BETTA, Gian-Franco (TIFP)

Session Classification: POSTER SESSION