

6th European Summer School on Experimental Nuclear Astrophysics

Report of Contributions

Contribution ID: 0

Type: **not specified**

O. Straniero "Introduction to Stellar Evolution II"

Monday, 19 September 2011 13:00 (45 minutes)

Contribution ID: 1

Type: **not specified**

R. Cyburt "Introduction to nuclear Astrophysics II"

Monday, 19 September 2011 11:15 (45 minutes)

Contribution ID: 2

Type: **not specified**

R. Cyburt "Introduction to nuclear Astrophysics II"

Contribution ID: 3

Type: **not specified**

O. Straniero "Introduction to Stellar Evolution I"

Monday, 19 September 2011 12:05 (45 minutes)

Contribution ID: 4

Type: **not specified**

R. Gallino "Introduction to the s-process"

Contribution ID: 5

Type: **not specified**

K.L. Kratz "Introduction to the r-process"

Contribution ID: 6

Type: **not specified**

R. Gallino "Introduction to the s-process"

Monday, 19 September 2011 16:30 (50 minutes)

Contribution ID: 7

Type: **not specified**

R. Cyburt "Introduction to nuclear Astrophysics I"

Monday, 19 September 2011 10:15 (45 minutes)

Contribution ID: 8

Type: **not specified**

K.L. Kratz "Introduction to the r-process"

Monday, 19 September 2011 17:40 (50 minutes)

Contribution ID: 9

Type: **not specified**

J. José "General Theory on Novae I"

Tuesday, 20 September 2011 09:00 (50 minutes)

Contribution ID: **10**

Type: **not specified**

J. José "General Theory on Novae II"

Tuesday, 20 September 2011 10:00 (50 minutes)

Contribution ID: 11

Type: **not specified**

G. Rogachev "Detectors for experimental nuclear astrophysics I"

Tuesday, 20 September 2011 11:20 (50 minutes)

Contribution ID: 12

Type: **not specified**

G. Rogachev "Detectors for experimental nuclear astrophysics II"

Tuesday, 20 September 2011 12:20 (50 minutes)

Contribution ID: 13

Type: **not specified**

M. Limongi “ $^{12}\text{C}+^{12}\text{C}$ reaction and astrophysical implications”

Tuesday, 20 September 2011 16:30 (50 minutes)

Contribution ID: 14

Type: **not specified**

P. Schillebeeckx "TOF experiments to support nuclear astrophysics"

Tuesday, 20 September 2011 17:40 (50 minutes)

Contribution ID: 15

Type: **not specified**

T. Kajino “Big Bang Models I”

Wednesday, 21 September 2011 09:00 (50 minutes)

Contribution ID: **16**

Type: **not specified**

T. Kajino “Big Bang Models II”

Wednesday, 21 September 2011 10:00 (50 minutes)

Contribution ID: 17

Type: **not specified**

A. Coc "Primordial Nucleosynthesis: theory vs observations I"

Wednesday, 21 September 2011 11:20 (50 minutes)

Contribution ID: **18**

Type: **not specified**

A. Coc "Primordial Nucleosynthesis: theory vs observations II"

Wednesday, 21 September 2011 12:20 (50 minutes)

Contribution ID: 19

Type: **not specified**

M. El Eid "Heavy-ion element synthesis and cosmology"

Wednesday, 21 September 2011 15:40 (50 minutes)

Contribution ID: **20**

Type: **not specified**

W.R. Hix "Core-collapse Supernovae"

Wednesday, 21 September 2011 16:30 (50 minutes)

Contribution ID: 21

Type: **not specified**

S. Wanajo "Core-collapse supernovae (and neutron star mergers) as the origin of elements beyond iron"

Wednesday, 21 September 2011 17:40 (50 minutes)

Contribution ID: 22

Type: **not specified**

C. Bertulani “Theory of the Coulomb Dissociation I”

Thursday, 22 September 2011 09:00 (50 minutes)

Contribution ID: 23

Type: **not specified**

C. Bertulani "Theory of the Coulomb Dissociation II"

Thursday, 22 September 2011 10:00 (50 minutes)

Contribution ID: 24

Type: **not specified**

A. Szanto de Toledo "Experimental studies for nuclear astrophysics"

Thursday, 22 September 2011 11:20 (50 minutes)

Contribution ID: 25

Type: **not specified**

O. Sorlin "Nuclear forces and shell evolution towards drip line"

Thursday, 22 September 2011 15:40 (50 minutes)

Contribution ID: 26

Type: **not specified**

L. Trache “The ANC method in nuclear astrophysics”

Thursday, 22 September 2011 16:30 (50 minutes)

Contribution ID: 27

Type: **not specified**

Y. Fujita “Weak interaction in nuclear astrophysics”

Thursday, 22 September 2011 17:20 (50 minutes)

Contribution ID: 28

Type: **not specified**

G. Imbriani "Standard Solar Model data needs"

Thursday, 22 September 2011 18:30 (50 minutes)

Contribution ID: 29

Type: **not specified**

G. Imbriani "Standard Solar Model data needs"

Contribution ID: **30**

Type: **not specified**

L. Trache "Decay spectroscopic for nuclear astrophysics"

Friday, 23 September 2011 09:00 (50 minutes)

Contribution ID: 31

Type: **not specified**

F. Hammache "Transfer reactions as a tool for nuclear astrophysics"

Friday, 23 September 2011 10:00 (50 minutes)

Contribution ID: 32

Type: **not specified**

T. Motobayashi "Recent results from CD experiments"

Friday, 23 September 2011 11:20 (50 minutes)

Contribution ID: 33

Type: **not specified**

S. Kubono "Recent results on explosive nucleosynthesis with low-energy RIbeams"

Friday, 23 September 2011 12:20 (1 hour)

Contribution ID: **34**

Type: **not specified**

M. Gounelle "Short-lived radionuclides"

Friday, 23 September 2011 15:40 (50 minutes)

Contribution ID: 35

Type: **not specified**

C. Spitaleri "The Trojan Horse Method: a how-to approach"

Friday, 23 September 2011 16:30 (50 minutes)

Contribution ID: 36

Type: **not specified**

C. Spitaleri "The Trojan Horse Method: a how-to approach"

Friday, 23 September 2011 17:40 (50 minutes)

Contribution ID: 37

Type: **not specified**

M. Busso "Introduction to the s-proces I"

Saturday, 24 September 2011 09:00 (50 minutes)

Contribution ID: **38**

Type: **not specified**

M. Busso "Introduction to the s-proces II"

Saturday, 24 September 2011 10:00 (50 minutes)

Contribution ID: 39

Type: **not specified**

R. Diehl "Astronomy with cosmic nuclei"

Saturday, 24 September 2011 11:20 (50 minutes)

Contribution ID: 40

Type: **not specified**

S. Bishop "Recent results on novae nucleosynthesis"

Saturday, 24 September 2011 12:20 (50 minutes)

Contribution ID: 41

Type: **not specified**

P.J. Woods "Experiments in explosive nuclear astrophysics"

Saturday, 24 September 2011 15:40 (50 minutes)

Contribution ID: 42

Type: **not specified**

K.H. Langanke "Core collapse Supernovae"

Monday, 26 September 2011 09:00 (40 minutes)

Contribution ID: 43

Type: **not specified**

M. Aliotta "Underground laboratories"

Monday, 26 September 2011 09:40 (40 minutes)

Contribution ID: 44

Type: **not specified**

A. Guglielmetti "Nuclear astrophysics at LUNA: recent results"

Monday, 26 September 2011 10:40 (40 minutes)

Contribution ID: 45

Type: **not specified**

L. Gialanella "Nuclear astrophysics with recoil separators"

Monday, 26 September 2011 11:20 (40 minutes)

Contribution ID: 46

Type: **not specified**

Z. Fulop "General Introduction to the p-process"

Monday, 26 September 2011 12:00 (40 minutes)

Contribution ID: 47

Type: **not specified**

S. Harissopulos "Nuclear physics aspects of p-process nucleosynthesis: an experimentalist's (over)view"

Monday, 26 September 2011 12:40 (40 minutes)

Contribution ID: 48

Type: **not specified**

S. Cherubini "Measurements of the $8\text{Li}(\alpha,n)11\text{B}$ reaction and astrophysical implications"

Monday, 26 September 2011 15:30 (40 minutes)

Contribution ID: 49

Type: **not specified**

R.G. Pizzone "Trojan Horse Method and its role in the electron screening effect investigation"

Monday, 26 September 2011 16:10 (40 minutes)

Contribution ID: 50

Type: **not specified**

C. Rolfs "Concluding remarks"

Monday, 26 September 2011 17:10 (40 minutes)

Contribution ID: 51

Type: **not specified**

V. Foteinou "Proton capture reaction cross sections for the p process"

Monday, 19 September 2011 18:30 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 52

Type: **not specified**

G. Provatas "Cross-section measurements of alpha capture reactions relevant to p-process nucleosynthesis"

Monday, 19 September 2011 18:45 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 53

Type: **not specified**

G. Ivashchenko "Properties of intrinsic quasar spectra within the HI Ly-alpha forest region"

Monday, 19 September 2011 19:00 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 54

Type: **not specified**

Contributions from young researchers

Contribution ID: 55

Type: **not specified**

C. Lederer "Neutron capture cross section of the s process branch point nucleus ^{63}Ni at n_TOF/CERN"

Tuesday, 20 September 2011 18:30 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 56

Type: **not specified**

R. Kshetri "High energy response of TIGRESS detectors"

Tuesday, 20 September 2011 18:45 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 57

Type: **not specified**

A. Nasr "Space charge effect in the Multi-ionization chamber response signal"

Tuesday, 20 September 2011 19:00 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 58

Type: **not specified**

C. Weiss "A CVD diamond detector for (n,alpha) cross section measurements"

Tuesday, 20 September 2011 19:15 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 59

Type: **not specified**

J. Suzuki "Cosmic History of Core-Collapse Supernovae and Supernova Relic Neutrinos"

Wednesday, 21 September 2011 18:30 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: **60**

Type: **not specified**

J. Gajevic "Electron screening in Al and Ni metals"

Wednesday, 21 September 2011 18:45 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 61

Type: **not specified**

M. Kaczmariski "New Experimental Results for the Enhanced Electron Screening in the Deuteron Fusion Reactions under UHV Conditions"

Wednesday, 21 September 2011 19:00 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 62

Type: **not specified**

D. Santiago "Triple configuration coexistence in 44S"

Thursday, 22 September 2011 12:10 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: **63**

Type: **not specified**

M. Avila "Alpha-clustering in 18O"

Thursday, 22 September 2011 12:25 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 64

Type: **not specified**

A. Kuchera "Molecular structures in isobaric analog states of 10B"

Thursday, 22 September 2011 12:40 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 65

Type: **not specified**

H. David "A new technique for studies of highly proton rich nuclei in the region of the astrophysical rp-process"

Thursday, 22 September 2011 12:55 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 66

Type: **not specified**

Simmons "The Beta Delayed Proton and Gamma Decay of ^{27}P For Nuclear Astrophysics"

Friday, 23 September 2011 18:30 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 67

Type: **not specified**

A. Spiridon "A new detection system for very low-energy protons from β - delayed proton decay"

Friday, 23 September 2011 18:45 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: **68**

Type: **not specified**

I. Indelicato "Study of the $^{19}\text{F}(p,\alpha)^{16}\text{O}$ reaction"

Friday, 23 September 2011 19:00 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 69

Type: **not specified**

**G.L. Guardo "Study of the $^{17}\text{O}(n,\alpha)^{14}\text{C}$ reaction:
extension of the Trojan Horse Method to neutron
induced reactions"**

Friday, 23 September 2011 19:15 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 70

Type: **not specified**

D. Schuermann "Study of the 6.05 MeV cascade transition in $^{12}\text{C}(\alpha,\gamma)^{16}\text{O}$ "

Saturday, 24 September 2011 16:30 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 71

Type: **not specified**

L. Lamia "Recent results on the $^{11}\text{B}(p,\alpha)^8\text{Be}$ reaction studied through the THM: S(E)-factor and electron screening measurements."

Saturday, 24 September 2011 16:45 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 72

Type: **not specified**

M. La Cognata "Modified r-matrix analysis of the $^{19}\text{F}(p,\alpha)^{16}\text{O}$ HOES reaction"

Saturday, 24 September 2011 17:00 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 73

Type: **not specified**

D. Scott "Underground Measurement of the $^{17}\text{O}(p,\gamma)^{18}\text{F}$ Reaction"

Saturday, 24 September 2011 17:15 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 74

Type: **not specified**

D. Mountford "Resonances in ^{19}Ne with relevance to the astrophysically important $^{18}\text{F}(p,\alpha)^{15}\text{O}$ reaction"

Saturday, 24 September 2011 17:30 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 75

Type: **not specified**

D. Doherty “ γ - spectroscopic study of key resonances in ^{31}S for the $^{30}\text{P}(p,\gamma)^{31}\text{S}$ reaction in ONe novae”

Saturday, 24 September 2011 17:45 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 76

Type: **not specified**

G. Mahmoud "Study of the Thermal Pulsation of AGB Stars"

Saturday, 24 September 2011 18:00 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 77

Type: **not specified**

M.K. Pradhan "Influence of projectile breakup on fusion with 159Tb target"

Saturday, 24 September 2011 18:15 (15 minutes)

Session Classification: Contributions from young researchers

Contribution ID: 78

Type: **not specified**

M. Norrby "Alpha-particle Resonances and Alpha-clusters in Medium Light Nuclei"

Saturday, 24 September 2011 18:30 (15 minutes)

Session Classification: Contributions from young researchers