

**EMMI-JINA Workshop:
Nucleosynthesis beyond iron
and the lighter element
primary process**

Report of Contributions

Contribution ID: **0**

Type: **not specified**

Registration

Contribution ID: 1

Type: **not specified**

Welcome

Contribution ID: 2

Type: **not specified**

Overview

Monday, 10 October 2011 09:10 (40 minutes)

Presenter: TRAVAGLIO, C.

Session Classification: First session: overview and observations (talk 30min, discussion 10min)

Contribution ID: 3

Type: **not specified**

Torquing the Elemental Abundances from Sr-Yb in Metal-Poor Halo Stars

Monday, 10 October 2011 09:50 (40 minutes)

Presenter: COWAN, J.

Session Classification: First session: overview and observations (talk 30min, discussion 10min)

Contribution ID: 4

Type: **not specified**

The metallicity distribution of Sr-enhanced metal-poor stars

Monday, 10 October 2011 11:00 (40 minutes)

Presenter: AOKI, W.

Session Classification: First session: overview and observations (talk 30min, discussion 10min)

Contribution ID: 5

Type: **not specified**

A new sample of 35 main-sequence dwarf stars with [Fe/H]=-3 to study the distribution of Sr and Ba abundances

Monday, 10 October 2011 11:40 (40 minutes)

Presenter: FREBEL, A.

Session Classification: First session: overview and observations (talk 30min, discussion 10min)

Contribution ID: 6

Type: **not specified**

The modern framework of galactical chemical models

Monday, 10 October 2011 14:00 (40 minutes)

Presenter: PRANTZOS, N.

Session Classification: Second session: Galactic chemical evolution

Contribution ID: 7

Type: **not specified**

Discussion

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t.b.a.

Contribution ID: 8

Type: **not specified**

t.b.a.

Presenter: SCHATZ, H.

Contribution ID: 9

Type: **not specified**

Special session: John Cowan and the low metallicity galaxy

Contribution ID: **10**

Type: **not specified**

Pre-supernova evolution of massive stars

Tuesday, 11 October 2011 09:00 (40 minutes)

Presenter: LANGER, N.

Session Classification: First session: Stellar evolution

Contribution ID: 11

Type: **not specified**

Low- and intermediate mass stellar evolution and recurrent H-ingestion events in super-AGB thermal pulses

Tuesday, 11 October 2011 09:40 (40 minutes)

Presenter: HERWIG, F.

Session Classification: First session: Stellar evolution

Contribution ID: 12

Type: **not specified**

Difficulties in the definition of the LEPP neutron capture process

Tuesday, 11 October 2011 10:40 (40 minutes)

Presenter: GALLINO, R.

Session Classification: Second session: s-process

Contribution ID: 13

Type: **not specified**

Sr, Y, and Zr from rotation induced s-process in massive stars

Tuesday, 11 October 2011 11:20 (40 minutes)

Presenter: FRISCHKNECHT, U.

Session Classification: Second session: s-process

Contribution ID: 14

Type: **not specified**

News on the s Process from open clusters. Do we really need a LEPP?

Tuesday, 11 October 2011 12:00 (30 minutes)

Presenter: MAIORCA, E.

Session Classification: Second session: s-process

Contribution ID: 15

Type: **not specified**

The Physics of the $^{22}\text{Ne}(\alpha,n)$ Neutron Source”

Tuesday, 11 October 2011 14:00 (40 minutes)

Presenter: WIESCHER, M.

Session Classification: Third session: experiments

Contribution ID: 16

Type: **not specified**

Approaches to LEPP measuring nuclear reactions

Tuesday, 11 October 2011 14:40 (40 minutes)

Presenter: REIFAHRT, R.

Session Classification: Third session: experiments

Contribution ID: 17

Type: **not specified**

The $^{12}\text{C}(^{12}\text{C},n)^{23}\text{Mg}$ Reaction: A Potential Neutron Source for the Weak S-Process

Tuesday, 11 October 2011 15:40 (30 minutes)

Presenter: BUCHER, B.

Session Classification: Third session: experiments

Contribution ID: **18**

Type: **not specified**

Stellar abundance surveys and galactic chemical evolution

Tuesday, 11 October 2011 16:10 (30 minutes)

Presenter: SOBECK, J.

Session Classification: Third session: experiments

Contribution ID: **19**

Type: **not specified**

Time-of-flight mass measurements for astrophysics

Wednesday, 12 October 2011 15:00 (20 minutes)

Presenter: ESTRADE, A.

Session Classification: Session: experiments

Contribution ID: 20

Type: **not specified**

Nuclear structure issues along the $N=Z$ line

Wednesday, 12 October 2011 14:40 (20 minutes)

Presenter: SUN, Y.

Session Classification: Session: experiments

Contribution ID: **21**

Type: **not specified**

Discussion

Contribution ID: 22

Type: **not specified**

Dinner at Bockshaut

Contribution ID: 23

Type: **not specified**

Exploring possible astrophysical sources of r-process elements

Wednesday, 12 October 2011 09:40 (40 minutes)

Presenter: JANKA, H.-Th.

Session Classification: First session: supernovae, r-process and vp-process

Contribution ID: 24

Type: **not specified**

r-process nucleosynthesis and chemical evolution in the early Galaxy

Wednesday, 12 October 2011 09:00 (40 minutes)

Presenter: QIAN, Y.-Z.

Session Classification: First session: supernovae, r-process and vp-process

Contribution ID: 25

Type: **not specified**

Nucleosynthesis of trans-iron elements in core-collapse supernovae and neutron-star mergers

Wednesday, 12 October 2011 10:40 (40 minutes)

Presenter: WANAJO, S.

Session Classification: First session: supernovae, r-process and vp-process

Contribution ID: 26

Type: **not specified**

The vp-process

Wednesday, 12 October 2011 11:20 (40 minutes)

Presenter: FROEHLICH, C.

Session Classification: First session: supernovae, r-process and vp-process

Contribution ID: 27

Type: **not specified**

Nucleosynthesis modes in the HEW of Sne: Calculations vs. Observations

Wednesday, 12 October 2011 14:00 (40 minutes)

Presenter: KRATZ, K.-L.

Session Classification: Session: experiments

Contribution ID: 28

Type: **not specified**

The r-Process in Metal Poor Stars and Black Hole Formation

Tuesday, 11 October 2011 16:40 (30 minutes)

Presenter: FAMIANO, M.

Session Classification: Third session: experiments

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t.b.a.

Contribution ID: 29

Type: **not specified**

t.b.a.

Presenter: BLACKMON, J.

Contribution ID: **30**

Type: **not specified**

Discussion

Contribution ID: **31**

Type: **not specified**

Discussion

Monday, 10 October 2011 14:40 (40 minutes)

Presenter: SNEDEN, C.

Session Classification: Discussion session

Contribution ID: 32

Type: **not specified**

Rare isotope experiments related to the LEPP

Monday, 10 October 2011 15:50 (40 minutes)

Presenter: SCHATZ, H.

Session Classification: Discussion session

Contribution ID: 33

Type: **not specified**

Heavy & light neutron-capture elements in halo stars: what a difference a theoretician makes

Monday, 10 October 2011 16:30 (35 minutes)

Presenter: SNEDEN, C.

Session Classification: Special session: John cowan and the low metallicity galaxy

Contribution ID: 34

Type: **not specified**

Nuclear clocks for the age of the Universe

Monday, 10 October 2011 17:05 (30 minutes)

Presenter: KÄPPELER, F.

Session Classification: Special session: John cowan and the low metallicity galaxy

Contribution ID: 35

Type: **not specified**

Silver,, palladium and the 'second' r-process

Monday, 10 October 2011 17:35 (20 minutes)

Presenter: HANSEN, C.

Session Classification: Special session: John cowan and the low metallicity galaxy

Contribution ID: **36**

Type: **not specified**

t.b.a.

Monday, 10 October 2011 17:55 (20 minutes)

Session Classification: Special session: John cowan and the low metallicity galaxy

Contribution ID: 37

Type: **not specified**

Registration

Monday, 10 October 2011 08:30 (30 minutes)

Contribution ID: **38**

Type: **not specified**

Welcome

Monday, 10 October 2011 09:00 (10 minutes)

Contribution ID: **39**

Type: **not specified**

Discussion

Presenter: KÄPPELER, F.

Contribution ID: 40

Type: **not specified**

Indirect experiments for neutron reactions with unstable nuclei

Wednesday, 12 October 2011 12:00 (40 minutes)

Presenter: BLACKMON, J.

Session Classification: First session: supernovae, r-process and vp-process

Contribution ID: 42

Type: **not specified**

Dinner at Bockshaut

Monday, 10 October 2011 19:30 (3 hours)

Session Classification: Dinner at Bockshaut