

FINAL PROGRAMME

Monday 14th January 2008

9:00-10:00 Registration

10:00-10:30

Yorick Blumenfeld (25+5min)
(IPN, Orsay)
Eurisol presentation.

10:30-11:00

Thoru Motobayashi (25+5min)
(RIKEN Nishina Center)
RIKEN RI beam factory vs Eurisol.

11:00-11:30 Coffee break

11:30-12:00

Maria Colonna (25+5min)
(LNS)
Dynamics and Thermodynamics with Eurisol.

12:00-12:25

Valerie Lapoux (20+5min)
(Cea, Saclay)
Neutron-skin structure and shell evolution of weakly-bound neutron-rich EURISOL nuclei in coupled-reaction channel studies.

12:25-12:50

Francois Marechal (20+5min)
(IPN, Orsay)
Polarized Targets at EURISOL.

13:00-14:30 Lunch at the GGI

14:30-15:00

Angela Gargano (25+5min)
(INFN, Napoli)
Structure of heavy neutron-rich nuclei.

15:00-15:25

Serge Franchoo (20+5min)
(IPN, Orsay)
Exploiting the laser ion source for nuclear physics: in source laser spectroscopy at Eurisol.

15:25-16:00 Coffee Break

16:00-16:30

Erich Ormand (25+5min)
(Lawrence Livermore National Laboratory)
Nuclear Structure Theory and ISOL facilities.

16:30-17:00

Michael Hass (25+5min)
(The Weizmann Institute)
Production of light radioisotopes for nuclear astrophysics and neutrino physics.

18:30 Welcome Cocktail at the GGI.

Tuesday 15th January 2008

9:30-10:00

Björn Jonson (25+5min)

(Chalmers University, Goteborg)

Prospects for EURISOL in the light of present experiments at ISOLDE and GSI.

10:00-10:30

Michael Thoennessen (25+5min)

(N S C L, Michigan State University)

Status of the Facility for Rare Isotope Beams (FRIB).

10:30-11:00 (25+5min)

Alessia Di Pietro

(INFN-LNS)

Reaction mechanisms with low energy RIBs: limits and perspectives.

11:00-11:30 Coffee Break

11:30-11:55

Zdenek Dlouhy (20+5min)

(Nuclear Physics Institute ASCR, Rez, Czech Republic)

Structure near the neutron drip line at N=24

11:55-12:20

Lidia Ferreira (20+5min)

(Instituto Sup Tecnico, Lisboa)

Decay of nuclei at the borders of stability.

12:20-12:45

Beatriz Fernandez-Dominguez (20+5min)

(Liverpool University)

Direct reactions at EURISOL in the light of the current MUST2/TIARA campaign at GANIL.

13:00-14:30 Lunch at the GGI

14:30-15:00

Vladimir Utyonkov (25+5min)

(JINR, Dubna)

Synthesis of superheavy nuclei in ^{48}Ca -induced reactions.

15:00-15:25

Gheorghe I. Stefan (20+5min)

(IPN, Orsay)

Unbound states near the proton emission threshold. The case of ^{16}F .

15:30-16:00 (25+5min)

Maria Borge

(CSIC Madrid)

Decay Studies@ EURISOL

16:00-16:30 Coffee Break

16:30-17:00

Livius Trache

(Texas AM, Cyclotron Inst.)

Beta-delayed proton-decay studies for nuclear astrophysics.

17:00-17:30

Vittorio Palladino (25+5min)

(Univ. di Napoli & INFN)

Neutrino beams: prospects today & synergies with EURISOL.

Wednesday 16th January 2008

9:30-10:00

Sydney Galès (25+5min)

(GANIL & IN2P3/CNRS)

Challenges of future "ISOL" secondary radioactive beam facilities.

10:00-10:30

Pierre Bricault (25+5min)

(Triumf)

The ISAC facility - Status and Future.

10:30-11:00

Klaus Jungmann (25+5min)

(KVI)

Fundamental Interactions, Exotic beams and Physics beyond the Standard model: Recent results on the commissioning of the separator Tri/up.

11:00-11:30 Coffee break

11:30-12:00

Michael Hass (for the CARINA II collaboration) (25+5min)

(The Weizmann Institute)

Open questions and issues in nuclear astrophysics and the role of EURISOL.

12:00-12:25

Emil Betak (20+5min)

(Institute of Physics SAS)

Spin-Dependent Pre-Equilibrium Exciton Model for Heavy-Ions.

12:25-12:55

Marco Cinausero (25+5min)

(INFN,LNL)

The SPES project: a first step toward EURISOL?

13:00-14:30 Lunch at the GGI

14:30-16:00

Yorick Blumenfeld

(IPN,Orsay)

Discussion on the organisation of the user group and the future of EURISOL beyond the present Design Study.

16:00-16:30 Coffee Break

16:30-16:55

Dimitar Balabanski (20+5min)

(Univ. Camerino)

Nuclear moments of isomeric states studied in transfer reactions in inverse kinematics.

16:55-17:20

Martin Veselsky (20+5min)

(Institute of Physics SAS, Bratislava)

Exploring the neutron-rich nuclei - reaction aspects.

20:00 Social Dinner at Trattoria Omero, (Via Del Pian De' Giullari, 11/R, walking distance from the GGI.)

Thursday 17th January 2008

9:30-10:00

Valentina Ricciardi (25+5min)

(GSI)

Beam intensities with Eurisol.

10:00-10:30

Ari Jokinen (25+5min)

(Jyvaskyla)

Techniques and challenges of ion beam manipulation.

10:30-11:00

Patrick Bertrand (25+5min)

(Ganil)

Overview of the EURISOL post-accelerator design and studies.

11:00-11:30 Coffee break

11:30-13:00

Nigel Orr
(LPC, Caen)

[Open Discussion: Design and machine characteristics in the light of the User Requirements.](#)

13:00-14:30 Lunch at the GGI

Free Afternoon

Friday 18th January 2008

9:30-11:00 Task 10 and Task 6 meetings.

11:00-11:30 Coffee Break

11:30-12:30 Second part of task meetings.

12:30-13:30 Lunch at the GGI.