

JOINT EURISOL-EURONS TOWN MEETING, HELSINKI,
17-19 SEPTEMBER 2007

Times	Session	Monday Sept. 17: EURISOL - EURONS Town Meeting, Dipoli Congress Centre, Otaniemi, Espoo (Helsinki)	Speaker
8:00-9:00		Registration	
		Welcome	Chairman: Juha Äystö (JYFL)
9:00-9:05	W1	Welcome by host institution: University of Jyväskylä Physics Department	Juha Äystö (JYFL)
9:05-9:15	W2	Welcome from EURONS	Alex Mueller (IN2P3)
9:15-9:25	W3	Welcome from EURISOL	Yorick Blumenfeld (IPNO)
		Session A: Accelerators	Chairman: Giovanni Bisoffi (INFN-LNL)
9:30-9:55	A1	Overview of accelerators for EURISOL	Alberto Facco (INFN-LNL)
9:55-10:10	A2	Beam tests with the MAFF RFQ	Holger Zimmermann (LMU)
10:10-10:25	A3	Simultaneous delivery of parallel proton beams with the EURISOL driver accelerator	Rita Paparella (LNL-Llegnaro)
10:25-10:50	A4	ISHIBI - "Ion Sources for Intense Beams of Heavy Ions"	Giovanni Ciavola (INFN-LNS)
10:50-11:15		Coffee	
		Session B: Physics and Instrumentation I	Chairman: Philippe Chomaz (GANIL)
11:15-11:40	B1	Highlights of physics from current facilities	Rauno Julin (JYFL)
11:40-12:05	B2	ACTAR - "Active Target detectors for the study of extremely exotic nuclei using direct reactions"	Herve Savajols (GANIL)
12:05-12:30	B3	EXL - "Exotic nuclei studied with Light hadronic probes"	Nasser Kalantar (KVI)
12:30-12:55	B4	DLEP - "Detection of Low- Energy Particles from exotic β -decays"	Olof Tengblad (CSIC)
12:55-13:10	B5	CARINA - "Challenges and Advanced Rresearch in Nuclear Astrophysics"	Kerstin Sonnabend (TU Darmstadt)
13:10-14:30		LUNCH	
		Session C: Targets and Ion Sources	Chairman: Mark Huyse (KU Leuven)
14:30-14:55	C1	Overview on EURISOL targets	Thierry Stora (CERN)
14:55-15:10	C2	The "MAFF" target solution for EURISOL	Yacine Kadi (CERN)
15:10-15:25	C3	Hi-density UCx tests for EURISOL	Luigi Tecchio (INFN-LNL)
15:25-15:50	C4	LASER - "Laser Techniques for Exotic Nuclei Research"	Ian Moore (JYFL)
15:50-16:15	C5	CHARGE BREEDING - "Advanced charge breeding of radioactive ions"	Oliver Kester (GSI)
16:15-16:45		Coffee	
		Session D: Networking	Chairman: Wilton Catford (U Surrey)
16:45-17:30	D1	EURISOL User Group	Angela Bonaccorso (INFN-Pisa)
17:30-17:45	D2	EWON - "East-West-Outreach - European Nuclear Physics Network"	Sotirios Harissopoulos (U Athens)
17:45-18:00	D3	PANSI3 - "Network for Enhanced Dissemination of Information on Nuclear Research within EURONS"	Helmut Leeb (TU Wien)
18:00-18:15	D4	TNET - "Network to coordinate the Nuclear Structure and Reaction Theory work"	Jan Vaagen (U Bergen)
18:30 approx.		<i>Buses depart from Dipoli Congress Centre to City of Espoo.</i>	<i>Buses will return to Radisson or Helsinki centre.</i>
19:00		Official welcome reception by the City of ESPOO	

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Times	Session	Tuesday Sept. 18: EURISOL - EURONS Town Meeting, Dipoli Congress Centre, Otaniemi, Espoo (Helsinki)	Speaker
		Session E: Physics and Instrumentation II	Chairman: Karsten Riisager (CERN)
9:00-9:25	E1	Future physics with EURISOL	Piet Van Duppen (KU Leuven)
9:25-9:50	E2	Beam intensities with EURISOL	Aleksandra Kelic (GSI)
9:50-10:15	E3	INTAG - "Instrumentation for Tagging"	Peter Butler (U Liverpool)
10:15-10:40	E4	TRAPSPEC - "Improvements & developments of ion traps, spectrometers & detectors..."	Nathal Severijns (KU Leuven)
10:40-11:10		Coffee	
		Session F: Physics and Instrumentation II	Chairman: Klaus Suemmerer (GSI)
11:10-11:35	F1	RHIB - "Reactions with High-Intensity Beams of exotic nuclei"	Thomas Aumann (GSI)
11:35-12:00	F2	AGATA - "Advanced Gamma-Tracking Array"	John Simpson (STFC, Daresbury)
12:00-12:15	F3	GAMMAPOOL - "Coordination of the resources for gamma-ray spectroscopy in Europe"	Silvia Lenzi (INFN Padova)
12:15-12:40	F4	EURISOL beam preparation & layout	Ari Jokinen (JYFL)
12:40-13:05	F5	EURISOL instrumentation	Robert Page (U Liverpool)
13:05-14:30		Lunch	
		Session G: Safety & Radioprotection	Chairman: Florin Negoita (NIPNE)
14:30-14:55	G1	SAFERIB - "Radiation Protection Issues related to Radioactive Ion Beam Facilities"	Peter Thierolf (LMU)
14:55-15:20	G2	Safety in EURISOL	Danas Ridikas (CEA)
		Session H: Beta-Beams	Chairman: Marc Loiselet (UCL)
15:20-15:45	H1	Tracking and particle-matter interaction studies for the beta-beam decay ring	Elena Wildner (CERN)
15:45-16:10	H2	Neutrino Physics: The big picture	Mauro Mezzetto (INFN-Padua)
16:10-16:40		Coffee	
		Session J: Facilities	Chairman: Muhsin Harakeh (KVI)
16:40-17:00	J1	Trans-National Access overview	Klaus-Dieter Gross (GSI)
17:00-17:15	J2	Nuclear structure activities at ECT*	Renzo Leonardi (ECT*)
17:15-17:30	J3	The EURISOL site study	Alan Shotton (TRIUMF)
17:30-18:00	J4	OPEN DISCUSSION	
18:00-19:00		Poster Session & Refreshments	
19:30		Town Meeting Dinner: Dipoli Congress Centre	

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Times	Session	Wednesday Sept. 19: EURISOL - EURONS Town Meeting, Dipoli Congress Centre, Otaniemi, Espoo (Helsinki)	Speaker
		Session K: Future Perspectives	Chairman: Christoph Scheidenberger (GSI)
09:00-09:15	K1	News from NuPECC	Brian Fulton (U York)
09:15-09:30	K2	International Network of Nuclear Structure and Decay Data - NSDD	Jag Tuli (Brookhaven)
09:30-09:45	K3	The NUPNET-ERANET network to coordinate European Union funding agencies in Nuclear Physics	Sydney Gales (IN2P3)
09:45-10:00	K4	Information on FP7	Christian Kurrer (EU) - to be confirmed
10:00-10:30	K5	DISCUSSION	
10:30-11:00		Coffee	
		Session L: Round Table of Trans-National Access Presentations	Chairman: Juha Äystö (JYFL)
11:00	L1	TNA1: GSI	Klaus-Dieter Gross (GSI)
11:05	L2	TNA3: GANIL	Patricia Roussel-Chomaz (GANIL)
11:10	L3	TNA4: JYU-JYFL	Rauno Julin (JYFL)
11:15	L4	TNA5: INFN- LNL- LNS	Enrico Fioretto (INFN - LNL)
11:20	L5	TNA7: KVI	Muhsin M. Harakeh (KVI)
11:25	L6	TNA8: ISOLDE	Karsten Riisager (CERN)
11:30	L7	TNA9: DAF	Dimiter Balabanski (U Sophia - INRNE)
11:35	L8	TNA10: AGATA	Wolfram Korten (CEA)
11:40	L9	TNA11: TSL	Curt Ekström (TSL)
11:45	L10	TNA12: ALTO	Fadi Ibrahim (IPNO)
11:50	L11	TNA13: BCPL	Jan Vaagen (U Bergen)
11:55	L12	TNA: ECT*	Jean-Paul Blaizot (ECT*)
12:00-12:30	L14	DISCUSSION	
12:30-14:00		Lunch	
		Session M: Presentation of Networks and JRA's: Facilities and Infrastructure	Chairman: Mats Lindroos (CERN)
14:00	M1	JRA2: COMPLECS	Giovanni Ciavola (INFN)
14:05	M2	JRA3: ARRPP	Luis Redondo (ISEL)
14:10	M3	JRA7	Pierre Delahaye (CERN)
14:15	M4	JRA1: ISOL-AT	Thierry Stora (CERN)
14:20	M5	JRA4: ISOL-HT	Gianfranco Prete (INFN-LNL)
14:25	M6	JRA6 + JRA8 + JRA34	Iain Moore (JYU)
14:30	M7	JRA10	Ari Jokinen (JYU)
14:35	M8	JRA33: Quantum Heavies	Mickaël Swetz (LMU)
14:40	M9	JRA11/NA4: ECOS	Faisal Azaiez (IPNO)
14:45	M10	NA2	Ulli Koester (ILL)
14:50	M11	JRA9/NA16: RIB4NA	Phil Woods (U. Edinburgh)
14:55	M12	NA15	Stefano Marrone (INFN Bari)
15:00	M13	NA13: EURISOL NET	Yorick Blumenfeld (IPNO)
15:05	M14	NA1: Liquid Metal target	Janis Freibergs (IPUL)
15:10	M15	NA17: ENSF	Sotirios Harissopulos (NSCR)
15:15-15:30	M16	DISCUSSION	
15:30-16:00		Coffee	

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Session N: Presentation of Networks and JRA's: Physics and Instrumentation			Chairman: Peter Butler (U Liverpool)
16:00	N1	JRA39 = JRA35 + JRA36 + JRA37: RIBTHEO; NA24 = N18 + N22: RIBTHENET (10 mins)	Ph. Heenen (ULB)
16:10	N2	JRA29/N21: SIMCOMEX	Nasser Kalantar (KVI)
16:15	N3	NA12: SHERN	Rolf-Dietmar Herzberg (U-Liverpool)
16:20	N4	NA14: AAME	Yuri Litvinov (GSI)
16:25	N5	JRA17 + JRA19	Juergen Gerl (GSI)
16:30	N6	NA6: GAMMANET	Silvia M. Lenzi (INFN)
16:35	N7	NA7: Fastpool	Luis Fraile (CERN)
16:40	N8	JRA16 + JRA18 + JRA20 + JRA24 + JRA31 + JRA32: EXID	Andres Gadea (INFN)
16:45	N9	JRA27	Branislav Sitar (Comenius University FMFI)
16:50	N10	JRA21 + JRA22	Oleg Kiselev (GSI)
16:55	N11	NA10: NACTAR	Patricia Roussel-Chomaz (GANIL)
17:00	N12	JRA26	Thomas Aumann (GSI)
17:05	N13	JRA25	Daniel Cano-Ott (CIEMAT)
17:10	N14	NA9: NEMO	Andreas Gørgen (CEA)
17:15	N15	JRA28 + JRA30 + N8: SPFDC	Emmanuel Pollacco (CEA)
17:20	N16	JRA23: DPS-FA	Giacomo Poggi (INFN)
17:20-17:45	N17	DISCUSSION	
17:45- 18:15	N18	GENERAL DISCUSSION	
18:15-18:30	N19	Concluding remarks	Alex Mueller (IN2P3)

Times	Thursday Sept. 20: EURONS and EURISOL Committee Meetings, Dipoli Congress Centre, Otaniemi, Espoo (Helsinki)		Speaker
09:00-13:00		EURONS Project Coordination Council (PCC) & General Assembly (GA) Meeting	Closed Meeting: Hall 4A
09:00-13:00		EURISOL International Advisory Panel (IAP) Meeting	Closed Meeting: Room 22
09:00-13:00		EURISOL Task Meetings, where requested by Task Leaders.	Open Meetings: Task 5 (Klondyke room) Task 6 (Room 24) Task 10 (Palaver Room) Task 11 (Takka Room) Task 12 (Rroom 25)
13:00-14:30		Lunch	
14:00-17:00		EURISOL Coordination Board Meeting	Closed Meeting: Takka Room

Times	Friday Sept. 21: EURISOL Management Meeting, Radisson SAS Hotel Meeting Room, Otaniemi, Espoo (Helsinki)		Speaker
09:00-13:00		EURISOL Management Board Meeting	Closed Meeting

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	No.	List of Posters	Author
	P1	Tests of an AGATA prototype detector	Sezgin Aydin (INFN Padova & Cukurova U.)
	P2	Pulse shape analysis data test: CNA Sevilla, February 2007	Rafael Berjillos (U. Huelva)
	P3	Some highlights of activity on the improvement of ECRIS performance for the MS-ECRIS project	Fabrizio Consoli (INFN-LNS)
	P4	Towards a unified theory of structure of stable and exotic atomic nuclei	Jacek Dobaczewski (U. Warsaw)
	P5	Containment of radioactive volatile isotopes for SPIRAL2	Manssour Fadil (GANIL)
	P6	Off-line commissioning of the ISOLDE cooler	Hanna Franberg (CERN)
	P7	Particle Identification by Neural Network Pulse Shape Analysis	Juan Luis Flores Garrido (U. Huelva)
	P8	Trap-assisted decay spectroscopy – soon at ISOLTRAP	Magdalena Kowalska (CERN)
	P9	The spectrometer of heavy reaction products as a trigger for multi-detector systems	Eduard Kozulin et al., (Flerov Lab., JINR)
	P10	Towards 60-GHz, high-intensity pulsed ion beams extracted from an 18–28-GHz ECRIS: the pre-glow	Louis Latrasse (LPSC, Grenoble)
	P11	PSA and detector characterisation of AGATA detectors	Jao Ljungvall (CEA Saclay)
	P12	Momentum selection of spin-aligned isomeric beams in the FRS spectrometer	Radomira Lozeva (KU Leuven)
	P13	A study of the 1+ to n+ scenario with the Phoenix booster at ISOLDE	Melanie Marie-Jeanne (CERN)
	P14	LASER techniques for Exotic nuclei Research (LASER) at JYFL	Iain Moore (U. Jyväskylä)
	P15	Estimation of radionuclide transport in groundwater at potential accelerator sites	Rainer Moormann (FZJ, Juelich)
	P16	Study of the ¹⁹ Mg two-proton decay by the tracking technique with microstrip detectors	Ivan Muhka (U. Seville)
	P17	Environmental impact of releases from ISOL targets	Thomas Otto (CERN)
	P18	An implementation of a genetic algorithm to the Coulex data analysis	Daniel Pietak et al. (Warsaw UT and Warsaw U)
	P19	Charge breeding and emittance measurements with MAXEBIS	Aleksey Sokolov (GSI)
	P20	Electron-cyclotron-resonance ion sources with arc-shaped coils	Pekka Suominen (CERN)
	P21	International Network of Nuclear Structure and Decay Data	Jagdish Tuli (Brookhaven NL)
	P22	Phoswich detector for reactions with relativistic beams	Manuela Turrion (IEM, CSIC, Madrid)
Withdrawn	P23	Spin-polarized proton targets for nuclear structure and nuclear astrophysics investigations	Juan Pablo Urrego-Blanco (U. Tenn & PSI)
	P24	Preliminary study of a MAFF concept fission target for the EURISOL DS Multi MW target	Marina Barbui (INFN-LNL)
	P25	Atomic beam merging in multi-body high-power targets within the EURISOL framework	Elian Bouquerel (CERN)
	P26	Optimization of the target in terms of secondary beam intensities	S. Chabod (CEA Saclay)
	P27	3D-simulations for the optimization of an EBG-based ion source	Maher Cheik Mahmed (IPN Orsay)
	P28	Dissolution studies of solid mercury compounds under geological disposal conditions for mercury waste from high-power spallation sources	Suresh Chirik (FZJ, Juelich)

Continued overleaf...

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		List of Posters (continued)	Author
	P29	Towards High Intensity Energy ISOLDE: extrapolation of yields for accelerated isotopes at REX-ISOLDE	Pierre Delehaye (CERN)
	P30	Radioactive ion beam monitoring system and simulation of the DRIBS complex target - catcher unit	Sergej Denisov (JINR, Dubna)
	P31	Development and characterization of a reactor-based high-intensity fission target ion-source	Martin Gross et al. (GSI)
	P32	Integration of MAFF target to EURISOL multi megawatt liquid metal target	Cyril Kharoua (CERN)
	P33	Mercury loop for EURISOL Target models investigation	Kalvis Kravalis et al. (IOP, U. Latvia)
	P34	Design of EURISOL 100kW liquid metal targets	Etam Noah (CERN)
	P35	Investigation of the influence of UC target mass increase on the yield & release of Rb, Cs & Fr isotopes	Vladimir Panteleev
	P36	Modelling of an ISOLDE FEBIAD ion source: plasma dynamics calculations and transversal emittance measurements	Liviu Penescu et al. (CERN)
	P37	Production and characterization of carbide pellets for the direct SPES project	Michele Tonezzer (INFN-LNL)
	P38	¹⁸ Ne production yield measurements for the beta-beams	Semen Matrofanov (UCL)
	P39	JYFLTRAP-assisted nuclear decay spectroscopy	Juho Rissanen
	P40	Radiological characterisation of the shielding of the EURISOL 4-MW target	Daniela Ene (CEA Saclay)
	P41	Dose measurements around a spallation neutron source consisting of a Pb target	Marianti Fragopoulou
	P42	Shielding of the 100-kW target station	Thomas Otto (CERN)
	P43	EURISOL radioprotection tools – a 'Desktop Assistant'	Bogdan Vamanu (NIPNE)
	P44	Localization of volatile isotopes on a cryotrap	Peter Thierolf (LMU, Munich)
	P45	Status of the EURISOL HF-chopper for beam bunch suppression	Gwenal Ledem et al. (GANIL)
	P46	EURISOL post-accelerator beam dynamics	Guillaume Normand (GANIL)
	P47	The superconducting solution for the EURISOL post-accelerator injector	Piero Antonio Possocco (INFN-LNL)
	P48	Status of the IH-RFQ test bench	Holger Zimmermann (LMU, Munich)
	P49	Application of new silicon detector technologies for heavy-ion and light charged-particle identification	Andrzej Kordyasz (HIL, Warsaw)
	P50	Fragmentation of very neutron-rich projectiles around ¹³² Sn	David Prez Loureiro (U. Santiago de Compostela)
	P51	Simulations of fast-neutron detector arrays	Brian Roeder (LPC, Caen)
	P52	Independent elemental fission yield distributions with JYFLTRAP	Janne Ronkainen (JYFL)
	P53	Pulse-shape discrimination of particles with a silicon detector	Mikko Sillanpää (JYFL)
	P54	Nuclear Astrophysics at the S-DALINAC	Kerstin Sonnabend (TU Darmstadt)
	P55	Production of n-rich nuclei in nucleus-nucleus collisions at energies around & below the Fermi energy	Martin Veselsky (IOP-SAS, Bratislava)
	P56	PANSI3 - Make EURONS research popular	Helmut Leeb (TUVienna)