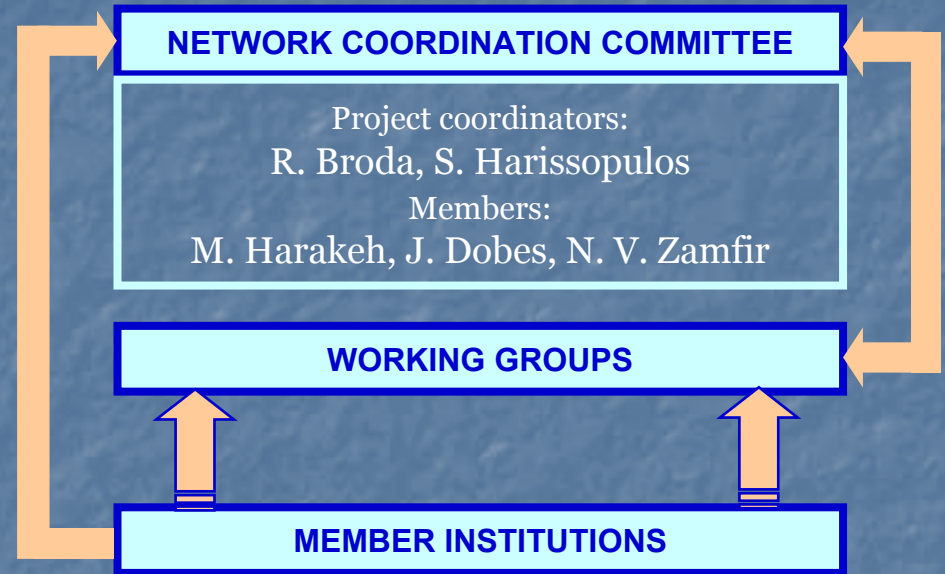


The East-West-Outreach Nuclear Physics Network - EWON

A networking activity of EURONS-I3



EWON structure



EWON Deliverables

Report 1:

“Research activities of Southeast and Northeast European Nuclear Physics Groups at Large Scale Facilities of Europe: Status and Future Possibilities”.

Report 2:

“A Mapping Study of Nuclear Science and Technology in the Southeast and the Northeast European Countries: Present and Future”.

<http://www.inp.demokritos.gr/EWON>

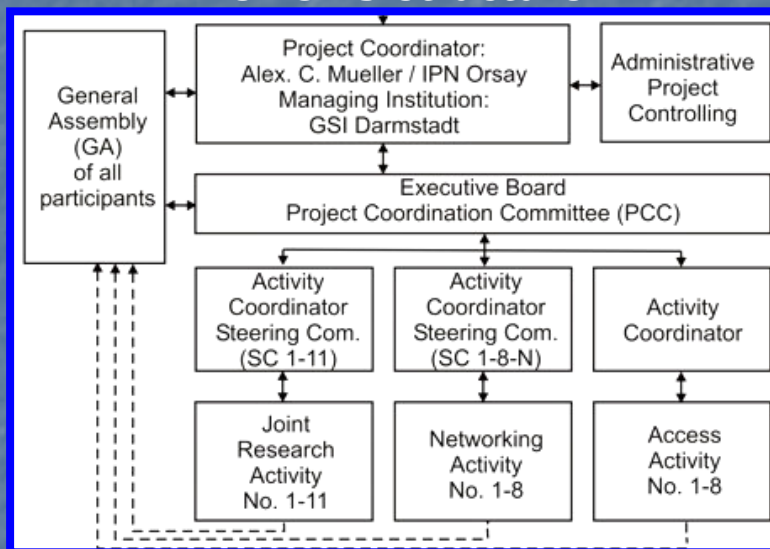




The East-West-Outreach Nuclear Physics Network

A networking activity of EURONS-I3

EURONS structure



Transnational Access

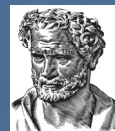
TA1	GSI, Darmstadt, D	1.020 k€	K.-D. Gross
TA2	UCL-CRC, Louvain-la-Neuve, B	700 k€	G. Ryckewaert
TA3	GANIL, Cean, F	1.020 k€	D. Goutte
TA4	JYU-JYFL, Jyväskylä, FIN	975 k€	R. Julin
TA5	INFN-LNL, Legnaro, I	625 k€	E. Fioretto
TA6	ECT*, Trento, I	575 k€	R. Leonardi
TA7	RUG-KVI, Groningen, NL	700 k€	M. Koopmans
TA8	CERN-ISOLDE, Geneva, CH	975 k€	P. Butler

Network Activities

N1	MANET - Management Network	976 k€	A. C. Mueller (IN2P3- IPNO) / C. Scheidenberger (GSI)
N2	CARINA - Challenges and Advanced Research in Nuclear Astrophysics	35+15 k€	C. Angulo (UCL)
N3	GAMMAPOOL - Coordination of the resources for gamma-ray spectroscopy in Europe	60 k€	S. Lenzi (INFN Padova)
N4	EWON - East-West-Outreach - European Nuclear Physics Network	180 k€	S. Harissopoulos (NCSR Demokritos) and R. Broda (IFJ Krakow)
N5	NuPECC - NuPECC Mapping Studies	80 k€	S. Körner (NuPECC)
N6	PANSI3 Network for Enhanced Dissemination of Information on Nuclear Research within EURONS	60 k€	H. Leeb (ALAU)
N7	SHE - Transfermium element synthesis, properties and reactions	25 k€	A. Villari (GANIL)
N8	TNET - Network to coordinate the Nuclear Structure and Reaction Theory work	33 k€	I. Thompson (U- Surrey)

Joint Research Activities

JRA1	ACTAR - Active Target Detectors for the Study of Extremely Exotic Nuclei using Direct Reactions	352 k€	H. Savajols (GANIL) / P. Roussel-Chomaz (GANIL)
JRA2	AGATA - Advanced Gamma Tracking Array	1050 k€	W. Korten (CEA)
JRA3	Charge Breeding - Advanced charge breeding of radioactive ions	420 k€	O. Kester (GSI)
JRA4	DLEP - Detection of Low Energy Particles from exotic β -decays	250 k€	O. Tengblad (CSIC)
JRA5	EXL - Exotic nuclei studied with Light hadronic probes	445 k€	N. Kalantar (RUG-KVI)
JRA6	INTAG - Instrumentation for Tagging	673 k€	P. Butler (CERN)
JRA7	ISIBHI - Ion Sources for Intense Beams of Heavy Ions	850 k€	G. Ciavola (INFN-LNS)
JRA8	LASER - Laser techniques for Exotic nuclei Research	425 k€	P. Van Duppen (KU- Leuven)
JRA9	RHIB - Reactions with High-Intensity Beams of exotic nuclei	700 k€	T. Aumann (GSI)
JRA10	SAFERIB - European Joint Research Activity on Radiation Protection Issues related to Radioactive Ion Beam Facilities	425 k€	P. Thierolf (LMU)
JRA11	TRAPSPEC - Improvements and developments of ion traps, spectrometers and detectors for low-energy nuclear physics experiments	370 k€	N. Severijns (KU- Leuven)





The East-West-Outreach Nuclear Physics Network Tasks (Milestones-Deliverables) & Implementation plan

The tasks of EWON are defined by the EWON proposal and the implementation plan has been settled during the EURONS/PCC Meeting held in Funchal/Madeira on Feb. 2005

Objectives: The network intends to provide the European nuclear physics community and the European Commission with **2 studies** on:

- a) the scientific potential of the nuclear physics communities and the nuclear physics research installations in the countries Bulgaria, Croatia, Czech Republik, Greece, Hungary, Poland, Romania, Serbia-Montenegro, Slovakia, Turkey, and
- b) the perspectives for their integration in the European Research Area.

EWON Tasks

Task T-N04-1: **Setup activities.**

Subtask T-N04-1.1: Setup of web pages and of working groups.

Task-T-N04-2: **Collaboration meetings and Workshop.**

Subtask T-N04-2.1: Network Workshop.

Subtask T-N04-2.2: Meetings of working-groups.





The East-West-Outreach Nuclear Physics Network Tasks (Milestones-Deliverables) & Implementation plan

Milestones	Short title	Date due	Date accompl.
M-N04-1.1	Webpages available and setup of working groups	07/05	06/2005
M-N04-2.1	Network workshop held	10/07	
M-N04-2.2	Mid-term report on progress of working-groups	03/07	

Deliverables	Short title	Lead Contractor	Date due	Date delivered
D-N04-1.1	Report on task T-N04-1.1 (setup of webpages and working-groups)	- 26 - NCSR Demokritos	06/05	not yet
D-N04-2.1	Report on task T-N04-2.2 : “Research Activities of Southeast and Northeast European Nuclear Physics Groups at Large Scale facilities of Europe”	- 26 - NCSR Demokritos	12/07	
D-N04-2.2	Report on task T-N04-2.2 : “A mapping study of Nuclear Science and Technology in the Southeast and the Northeast European countries”	- 26 - NCSR Demokritos	12/08	





The East-West-Outreach Nuclear Physics Network

FINANCES

	NCSR Athens	ifj Krakow	RUG	Univ. Sofia	INRNE Sofia	IRB Zagreb	ATOMKI	Univ. Istanbul	Uni. Warsaw	NIPNE Bucharest	SUM
Allocated for full EURONS duration (48 months)	42	0	3	0	9	9	0	9	80	28	180
Amount required from MANET for months 1 - 18	17	0	1.5	0	3.5	3.5	0	3.5	24	11	64
RECEIVED SO FAR	16.3	0	1	0	2.333	2.333	0	2.333	16	7.333	47.632
SPENT UNTIL 31/12/05	16	0	1.5	0	2.31	2.11	0.8	2.31	1.8	6.2	29.03
BALANCE	0.2	0	-0.5	0	0.023	0.223	-0.8	0.023	14.2	1.133	14.602
Amount required from MANET for months 13 - 30	18	7	1.5	0	4.6	4.5	8	4.5	10	11	69.1

CAUTION !!!

The 1st 18-month request was scaled by MANET to \approx a 12-month period!

NEXT TRANSFER = [(Requested amount) \times (12/18)] - Reserves

Instead of 46 k€, ONLY **30.7 k€** will be transferred to EWON in 2006





The East-West-Outreach Nuclear Physics Network ... things to do URGENTLY !!!

1. Stop acting as two-different communities !
2. Update NOW the working groups with NEENet scientists !
3. Create links to EWON web site everywhere !
4. Agree NOW to a "common" meeting !
(SEENet will meet in Zagreb around Nov. 2006)
5. Discuss some possible sites for the EWON Workshop

