



MINUTES OF THE EWON/SEENet MEETING IN ATHENS 11-12 November 2005

Organized by the Institute of Nuclear Physics
of the National Centre for Scientific Research “Demokritos”
Aghia Paraskevi, Athens, Greece

Friday 11.11.2005

Morning Session:

1. Presentation of research activities at the University of Bucharest, Romania by Prof. Alexandru Jipa.
2. Presentation of research activities at the Accelerator Laboratory of the Rudjer Boskovic Institute, Zagreb, Croatia by Dr. Milko Jaksic
3. Presentation of the joint project of INRNE-Plovdiv University for a Microtron laboratory by Prof. Hristo Protochristov.
4. Presentation of EWON/NEENet activities by Dr. Jan Dobes.
5. Presentation of research activities at the Nuclear Physics Institute, Rež, Czech Republik.
6. Report on the last EURONS General Assembly and Project Coordinators Meetings, held on Sept. 28-29, 2005 at Bordeaux, France, by. S. Harissopulos.
7. Discussion on the problems related to the NEENet funding arrangement.

Afternoon Session:

Review of status, activities and goals of SEENet.

- The application of the University of Bucharest to become SEENet member submitted by Prof. Alexandru Jipa was unanimously approved.
- Tasks, milestones and deliverables were reviewed in view of the preparation of the EURONS annual report to be submitted by 12.01.2006.
- Formation of Working Groups and appointment of national representatives (see Appendix I).
- Outline of the strategy of the working groups for the preparation of the EURONS forms to be presented at the final network workshop (NuPECC forms were adopted).

- Discussion on ways to establish joint research institutes or labs in the region to apply for funding beyond FP6.
- Discussion on possible access to European funds for Infrastructures.
- Proposal for a specialized scientific workshop with the aim to define common scientific goals and initiate collaborations among network groups.

Saturday 12.11.2005

1. Update of EWON/SEENet tasks and obligations within EURONS by Dr. S. Harissopulos (Financial and status reports, deadlines, formats).
2. Implementation plans for 2006:
 - Contact between working groups.
 - Next network meeting to be held in Zagreb, Croatia in Autumn 2006.
3. Finalizing and signing the position letter on Nuclear Science in South Eastern Europe (see Appendix II)
4. Guided Tour of the Tandem Accelerator Facility of the Institute of Nuclear Physics of NCSR “Demokritos”.

Minutes of EWON/SEENet Meeting in Athens

Appendix I : SEENet Working Groups

	WG1: PHYSICS Chair: S. Harissopulos sharisop@inp.demokritos.gr	WG2: INFRASTRUCTURES Chair: D. Balabanski dimiter.balabanski@unicam.it	WG3: EDUCATION Chair: G.Cata-Danil cata@ifin.nipne.ro
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APPENDIX II



The South East European Nuclear Physics Network

POSITION LETTER ON NUCLEAR SCIENCE IN SOUTH-EASTERN EUROPE

WE, THE UNDERSIGNED, members of the *South-East European Nuclear Physics Network (SEENet)*, established in the EC FP6, seriously concerned about the current condition of the nuclear research establishment in our region,

having diagnosed a series of dysfunctions and worrying trends in the manner the society manages nuclear science that is supposed to serve the continentally-shared goals of a sustainable development through knowledge;

taking a pragmatic stand in the endeavor towards a better tuning of what nuclear science can offer to what society seeks;

trusting the capability of all factors – governance, academia, the business realm and others – of reinstating the nuclear research institution to the position it deserves on the agendas of action for the 21st century;

A. *Call your attention* to the following shared, outstanding problems that confront the nuclear science establishment in South-East Europe:

- Decaying infrastructures in major nuclear physics institutions, as a result of a rapid reduction of state funding, in conjunction with a slower than expected takeoff of private research sector.
- A chronic deficit in state-of-the art instrumentation.
- Limited training and mobility programs - to adapt the workforce to the patterns and priorities of Western Europe research and development.
- Human resources - experiencing a biological decay and societal depreciation much faster than the rate of replenishment with young forces, that in turn show an unprecedented reluctance to choose a scientific career;
- A flat, non-optimized EC program structure - addressing the scientific potential of South-Eastern Europe in only superficial manners;
- A continuing brain drain – a standing trend for many decades now, not diminished by the reforms and transitions taking place for more than a decade in the region;
- The interest in innovation and overall improvement in the industrial sector and services – depressed, and constrained by the obsession of mere survival, of the ‘bare necessities’.

B. *Submit that*, while true solutions capable of profound improvements may require a longer lead time, *gradual steps can, and should be adopted* as a result of convergence of interests and willpower on behalf of the decision factors in both the public and the private sectors, on:

- Sorting out, on comprehensive cost-benefit criteria, the existing South-East-European inventory of science’s critical infrastructures, and *upgrading the*

resulting viable core to a level compatible with the European standards and expectations.

- Contemplating, designing and implementing as soon as feasible, a *regional large scale research infrastructure and management framework*, that may function as a profitable co-operator and advanced science service provider to the centers of excellence worldwide.
- Supporting and providing guidance to regional network activities that address *the optimization of the generation and management of research-oriented human resources* – these being traditionally recognized as an asset of excellence of Central and South-Eastern Europe in the international market of science workforce. Factors such as the aging of senior personnel, science education, workforce re-training, employment and others should be carefully addressed.
- Promoting the notion of a *positive discrimination of the South-Eastern European research teams in EU projects and funding allocations*, for an appropriate length of recovery time (e.g., five to ten years).
- Creating and maintaining a positive political pressure at EU level, to persuade South-Eastern European governments to *reconsider science budgets in terms of GDP fractions and scrupulously observe their commitments* in this regard.
- Designing *incentives for business entrepreneurs* to (i) contribute to national/regional science budgets, and (ii) invest more in innovation and in basic research and advanced education.

C. *Inform those sharing our concern* that SEENet will proceed to the following actions:

- The design and implementation of *communication schemes*, providing for a permanent and effective interaction with European and national science-policy centers.
- The preparation of an action plan for joint activities conducive to a gradual integration and joint use of infrastructures in view of the forthcoming *EC Framework Programme 7*.
- Finalizing a *Framework Agreement of Collaboration* between the SEENet participant institutions, which will also be open to third parties.

At a time of many and complex challenges, when the integration of all resources of knowledge is more imperative than ever, we trust that our position statements will be properly noted and expect your support in these matters.

Respectfully,

Prof. Chavdar Stoyanov, INRNE, Bulgarian Academy of Sciences, Sofia, Bulgaria

Prof. Borislav Slavov, University of Sofia, Sofia, Bulgaria

Dr. Zoran Basrak, Rudjer Boskovic Institute, Zagreb, Croatia

Prof. Dario Vretenar, University of Zagreb, Zagreb, Croatia

Dr. Sotirios Harissopulos, Inst. of Nuclear Physics, NCSR “Demokritos”, Athens, Greece

Prof. Roza Vlastou, National Technical University of Athens, Athens, Greece

Prof. George Lalazissis, Aristotle University of Thessaloniki, Thessaloniki, Greece

Prof. Nicolae Victor Zamfir, NIPNE, Bucharest, Romania

Prof. Gheorghe Cata-Danil, University Politehnika, Bucharest, Romania

Prof. Alexandru Jipa, University of Bucharest, Bucharest, Romania

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Prof. M. Nizamettin Erduran, Istanbul University, Istanbul, Turkey

APPENDIX III : List of participants

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