NEEN
status

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NEEN

the North-East European nuclear physics Network

part of EWO activities in EURONS

NEEN countries

Czech Republic

Hungary

Poland

Slovakia

Kraków, September 14-15, 2004

The meeting of Polish Nuclear Physics Network

delegates from NEEN countries present

programme and presentations at
http://www.slcj.uw.edu.pl/pnpn/index.php?id=23&lang=0

available also through the Polish Nuclear Physics Network pages
http://www.slcj.uw.edu.pl/pnpn/

R. Broda – Information on the SEENEEN activity within the EURONS

J.Jastrzębski – Information on the Polish Nuclear Physics Network

R.Lovas, A.Krasznahorkay Nuclear Physics in Hungary

J.Dobes, A.Kugler Nuclear Physics in Czech Republic

E.Betak – Nuclear Physics in Slovakia

1. T.Czosnyka – INTAG, Instrumentation for Tagging
2. K.Rusek – Reaction Studies at SPIRALII
3. A.Maj – RISING project
4. K.Rusek – ICARE in Warsaw
5. W.Męczyński – AGATA project
6. A.Trzcińska – Antiprotons in FLAIR and NUSTAR-future Darmstadt research programme
7. M.Palacz, M.Zielińska – Information on the PNPN Web page
8. L.Pieńkowski – EURISOL- european project of radioactive beams
9. Z.Majka – Status of the European Project on Hadron Physics
10. P.Salabura – Future DAQ – program within I3HP
11. B.Zwęgliński – PANDA at the FAIR Facility at GSI

Prague, 14.3.-16.3. 2005

Central Europe Nuclear Physics

North-East European Network meeting

programme and presentations at
http://ojs.ujf.cas.cz/cenp/

related to the discussion on the research infrastructures in Central and East Europe at the EPS Nuclear Physics Board and NuPECC

to review the basic nuclear physics research performed by the NEEN countries physicists

at locally available facilities

at European Large Scale Facilities

main aim - to inquire the status of the accelerator (cyclotron) facilities in Central Europe, adjacent devices, and the research activities carried on

J.Stursa *Application activities and status of Rez cyclotron*

V.Kroha *Research in nuclear astrophysics at Rez cyclotron*

Z. Fulop *Research on nuclear astrophysics*

P.Bem *Research in neutronics at Rez cyclotron*

Z.Dolezal *Few Body Studies with fast polarized neutrons*

R.Broda *Information on the EURONS/FINUPHY Madeira meeting*

S.Harissopulos *SEENet: Research Activities and Initiatives*

J.Stursa *Current status of CYCLEUR project*

F. Tarkanyi *On the cyclotron and applied nuclear physics research*

A. Krasznahorkay *Research on nuclear structure*

Stefan Saro *Status of Bratislava cyclotron*

Marko Fülöp *Basic characteristics of neutron beams projected at Cyclotron Centr of SR*

R.Broda *Review of nuclear structure research at the IFJ PAN Krakow*

J. Jastrzebski *Research at Warsaw Cyclotron*

J. Choinski *Project of a PET radiopharmaceutical production center at HIL (15 min)*

J.Dobes *Nuclear Physics Institute at Rez -overview*

visit of cyclotron an Laboratory of Radiopharmacy at NPI Rez

S. Gmuca: *Research on fission of heaviest nuclei*

E. Betak: *Calculations of (n,gamma) reactions*

C. Granja *Nuclear structure and neutron imaging programs at IEAP CTU*

from the minutes

- a broad scope of research activities involving groups of NEEN institutes in European collaborations

- usage of the presently available local facilities for nuclear physics research is rather limited to specific task as for example certain aspects of research in Nuclear Astrophysics

- local accelerator facilities employed mainly in for the medicine, applied physics and interdisciplinary research

- at the moment, there is no clear idea, strong demands and apparent resources for the well defined medium size infrastructures

- there is a potential for the network of smaller facilities convenient mainly for the interdisciplinary research but also for the basic nuclear physics tasks

- the considerations on how to change this situation and common effort to conclude them with an appropriate project(s) should be one of the essential goals of the NEEN community for the future VII FP

- initative CYCLEUR strongly supported research and development for use of the light particle accelerators for the medicine, applied physics and interdisciplinary research
  NEEN institutes might further gain from the integration of existing European light ion research into the new proposed network

- the formalities related to the travel cost reimbursements managed by the Warsaw University as the NEEN's contract institution should be clarified