

News from ECT*

NUPECC meeting

Bucharest

October 26, 2007



www.ect.it



Jean-Paul Blaizot, CNRS and ECT*

Since last meeting

- Evaluation committee (June 18-19)
- FP7 (town meetings Helsinki, Frascati)
- Board meeting (October 6)

Evaluation Committee

Composition:

Gordon Baym (University of Illinois, USA)

Francesco Iachello (Yale University, USA), chairman

Henri Orland (CEA Saclay, France)

Peter Schuck (IPN Orsay, France)

Enrico Vigezzi (INFN Milano, Italy)

Jochen Wambach (TU Darmstadt, Germany)

Tasks:

- To assess whether the core mission of ECT* as stipulated in its Statutes is being appropriately pursued.
- To evaluate the role of ECT* within the European science area, including its funding and impact on research.
- To evaluate the overall quality of the scientific activity.
- To identify potential areas that could be strengthened.
- To evaluate the strategy of ECT* for its future.
- To review administrative and organizational issues.

Recommendations

Research personnel

Hire an additional junior scientist at the level of Assistant Professor for a period of 3 years renewable for another 2 years.

Administrative personnel

Add one long-term Administrative Assistant to the Director.

Infrastructure

Improve electronic library access, perhaps with an agreement with the University of Trento. Simplify the security procedures for internet connection.

Computing

Advertise more the computer resources at ECT* (BEN) to the nuclear physics community.

Funding

Extend the length of the MoU between the undersigning parties **from three to five years**, pursue the joint efforts with the ESF and NuPECC to coordinate support of ECT* from countries beyond France, Germany and Italy, pursue the possibility of obtaining partial funds from the European projects in FP7.

Activities

Remain active in soliciting workshops, visiting scientists, training programs, etc., increase the interaction with experimental facilities in Europe, advertise activities through a newsletter.

FP7

Transnational access @ ECT*

- ECT* plays the role of a bridge between different components of the nuclear physics community and it had been agreed that ECT* could apply to both I3's (EURONS2 and HadronPhysics2)
- However, for technical reasons related to the calculation of the user fee and the difficulty to avoid double counting, the Commission would like the ACCESS component to be within one of the I3s. As a result, ECT* will apply for access funds with a single I3, with the understanding that ALL workshop activities can be supported (as is the case in the present arrangement)
- Following a “principle of reciprocity”, ECT* will apply this time together with HadronPhysics2. ECT* will contribute to JRA and Network activities in both I3s and in order to maintain the strong link with the EURONS community we propose that EURON2 play the same role as I3HP in the FP6: provide extra support for selected workshops and, more importantly, reserve funds to support a joint position in low energy nuclear physics

Board meeting

- **Vision document approved (on ECT* website)**
“ECT* in 2020-A Vision”
- **Opening of positions**
 - **Postdocs**
 - **Research Assistant (assistant professor level position in Many-Body Nuclear Physics)**
- **New director from November 1st, 2008 (Achim Richter)**

Scientific program for 2008

(to be posted in Nuclear Physics News)

Workshops:

- *TNET: The EURONS European Theory Network* (Tostevin J.-University of Surrey)
- *Parton fragmentation processes: in the vacuum and in the medium* (Arleo, F.-CERN & LAPTH, Annecy)
- *Quasifree Scattering with Radioactive Ion Beams* (Lemmon R.-Daresbury Laboratory)
- *The statistical model of hadron formation and the nature of the QCD hadronization process* (Stock R.- Univ. Frankfurt)
- *Perspectives and challenges for full QCD lattice calculations* (Scorzato L.- ECT*)
- *Hadron Electromagnetic Form Factors* (Roberts C.- Argonne National Laboratory)
- *Mass Olympics* (Buervenich, T-Frankfurt Institute for Advanced Studies)
- *Nuclear medium effects on the quark and gluon structure of hadrons* (Fantoni, A -INFN Frascati)
- *Workshop on Hard Exclusive Reactions* (Kroll P.-University of Wuppertal)
- *Ultra High-Intensity Laser Nuclear/Particle Physics* (Heinzl T.- Univ. Plymouth)
- *Structure of Hadrons and Nuclei at an Electron Ion Collider* (Venugopalan R.- Brookhaven National Laboratory)
- *Scaling the heights of the $N=Z$ line above 56-Ni* (Jenkins, D.-University of York)
- *Bound States and Resonances in Effective Field Theories* (Pascalutsa, V.-ECT*)
- *Strangeness polarization in semi-inclusive and exclusive Lambda production* (Avagyan, Jlab-Newport News)

Doctoral Training Program:

Nuclear Matter under Extreme Conditions (Spring 2008)

Organizers: H.A. Gustafsson and U. Wiedemann

Funding

Status of contact with Funding Agencies:

- AUSTRIA: there is some hope to get a contribution for 2007
- SWEDEN: again no hope in 2008 (agreement to cover the expenses of Swedish participants for ECT* activities)
- NORWAY no progress
- GREECE, ROMANIA, HUNGARY: have expressed willingness to contribute
- POLAND: no progress yet
- SPAIN : action has been taken to renew the agreement
- SWITZERLAND: no progress

Working Group

A Working Group was set up, consisting of J.P. Blaizot, B. Fulton, P. Hoyer (chair) and R. Leonardi. The WG should negotiate the ECT* position within the FBK, address issues related to the national contributions to ECT* and consider redrafting the MoU (possibly broadening the EJFRC membership)