

Special Reports

Minutes of the Annual General Meeting of C12

12:00 to 18:00 and 19:30 to 20:30, June 6, 2003
 Room 209 of the West Union Building
 West Campus of Duke University, Durham, NC

- (1) Minutes of the previous Annual General Meeting (Muenich, May 30, 2002) were approved.
- (2) Regrets: It again was noted that the attendance of the Annual General Meeting was rather low. A.Ogloblin and W-Q. Shen could not obtain visa to visit the USA. This has become a serious problem now that all visa applications have to pass from the Consular Office in the foreign country to the US State Department in Washington, DC, causing considerable delays. There are cases in which the visa was outright refused. As a rule of thumb visa applications should be made no later than six months before the scheduled event in the USA.
- (3) The Chair in his introductory remarks pointed to the important issues which needed to be discussed by C12 and for which attendance by all members of C12 is most desirable. The Chair also reported on the IUPAP Council meeting which he attended (Trieste, Italy, January, 2003) A brief summary was circulated by the Chair earlier.
- (4) The next Annual General Meeting of C12 will be held during the International Nuclear Physics Conference in Goeteberg, Sweden, June 27 - July 2, 2004. The precise date is being negotiated and will be announced as soon as known.
- (5) The report on the activities of C11, the IUPAP Commission on Particles and Fields, received from Peter I.P. Kalmus was made available. One should note the differences in policy of C11 regarding sponsorship of International Conferences and the activities of ICFA (the International Committee for Future Accelerators).
- (6) IUPAP Conference Sponsorship
INPC2004: Dan-Olof Riska, as member of the Orga-

nizing Committee, presented an update on the planning for INPC2004 (Type-A conference) in Goeteberg. Questions were raised regarding publicity for the conference and regarding the registration fee now that other financial support of the conference is greatly below expectations. It is extremely important that this conference serves to give an overview of the whole of nuclear science and that it stimulates cross-fertilization. Attendance should be greatly encouraged and support for young scientists and graduate students should be found. [Announcements are being circulated since the C12 meeting at Duke University.] (hard copy of presentation is on file)

SPIN2004: Claudio Ciofi degli Atti gave a description of the plans for this International Symposium on Spin Physics, which will be held in Trieste at the Abdul Salam International Center for Theoretical Physics, October, 2004. Precise dates have not been announced yet. Questions were raised about the expected attendance and housing for young scientists and graduate students. It was stressed that great efforts will be made to have younger scientists from the former East-block countries and from the self-developing nations participating in the Symposium. Regrettably questions regarding the logistics could not all be answered. Previous symposia in this series have received IUPAP sponsorship as a Type-B conference.(hard copy of presentation is on file)

PANIC2005: Peter D.Barnes, Co-chair of the Organizing Committee, gave an overview of the planning of the next one in this conference series sponsored by IUPAP.

If this is going to be an IUPAP sponsored conference there should be free access by scientists from all over. C12 would like to receive an update and have a presentation of PANIC2005 at its next Annual General Meeting in Goeteberg. The precise dates for PANIC2005 have not been set yet. Note the similarity in topics between this conference series and the North American "Intersections between Nuclear and Particle Physics" conference series. (hard copy of presentation is on file)

FB18 in 2006: Lauro Tomio, Chair of the Organizing Committee, described the current plans for FB18. C12 noted that there is a European Conference on Few Body Problems in Physics every two years and that there is a Pan-Pacific Conference on this topic every 18 months, and that FB18 and the European Conference are currently both planned for 2006. The latter situation will not increase the attendance at either conference (The European Few-Body Conference may now shift to a later year). It was remarked that having FB18 in Santos-Guaruja in the state of Sao Paulo, Brasil, would give great opportunity to promote nuclear, molecular, and atomic physics to many scientists of South America, who do not receive sufficient financial support to attend international conferences elsewhere. Both cross fertilization and the attendance of scientists normally not in a position to attend those conferences are strong points in favor of FB18. (hard copy of presentation is on file) MENU-10, the 10th International Symposium on Meson-Nucleon Physics, which was scheduled in Beijing, China, August 25-30, 2003, has been postponed indefinitely due to the SARS epidemic as per the message received from Binsong Zou and Huanqing Chiang.

MENU-10 is a Type-C conference, sponsored through C12. HIC03, "Topics in Heavy-Ion Collisions" which was organized for June 25-28, 2003, in Montreal, Canada, HIC03 was presumably a Type-C conference. (Your Secretary has no recollection of any action on this)

FB16: Werner Tornow gave a brief synopsis of where FB16 was as per the second day of the conference. Attendance was 240 plus; the slow decline in attendance of this series of conferences supported by IUPAP since FB03 was noted. Many of the plenary session invited talks and parallel session lead talks had young speakers, also the participation by female physicists has been encouraged by the organizing committee of FB16. Great hospitality was given to all delegates; the organization was almost flawless.

Discussion: The INPC is THE all encompassing conference for the field of Nuclear Physics. Attendance by

a large cross section of the nuclear physics community should be greatly encouraged.

C12 would like to have a say in where the next conferences in this series will be held; C12 would also like to have input into the scientific program of the INPC's.

C12 would like to nominate conferences that take place in self-developing nations, which would result in great exposure of the field of nuclear physics to younger scientists, that cross the boundaries of pure nuclear physics, and that advance nuclear instrumentation for sponsorship to IUPAP council.

It was remarked that there are many nuclear physics conferences, which attract a large attendance which have never asked for IUPAP sponsorship. C12 will examine this situation. A list of all major nuclear physics conferences will be drawn up, e.g., Baryons, Quark Matter, Nucleus-Nucleus, etc.

(7) International Cooperation in Nuclear Physics

Overviews of the current status and future of Nuclear Physics in Europe (NuPECC Long Range Plan), in Japan, and in North America (NSAC Long Range Plan and updates, Canadian Subatomic Physics Five Year Plan) were given by Walter F. Henning - GSI, Hideyuki Sakai, University of Tokyo, and Stuart J. Freedman - BNL, respectively.

More detailed presentations of the large Nuclear Physics Facilities under construction followed:

GSI - Walter F. Henning [GSI]

J-PARC - Shoji Nagamiya [KEK]

ISAC-II and ISAC-III - Willem T.H. van Oers [TRIUMF]

RIKEN - Hideyuki Sakai [University of Tokyo]

Next descriptions were given of the physics with and the accelerators for the large Nuclear Physics Facilities being planned at present.

Research Perspectives at Jefferson Laboratory: 12 GeV and Beyond (an electron-ion collider) - Kees de Jager [JLab] (pdf file available)

Overview of the Rare Isotope Accelerator: Brad Sherrill [MSU] (hard copy of presentation on file)

A presentation of one of the two smaller European radioactive ion beam facilities SPIRAL-2 in France (the other is SPES in Italy) being planned could not be given. (copy of the intended presentation can be obtained from dguerreau@admin.in2p3.fr)

An "Overview of the Heavy Ion Research Facility in Lanzhou (HIRFL), China was received. (ppt file available)

(8) DISCUSSION:

Since the subject of the large Nuclear Physics Facilities currently under construction and being planned will be dealt with extensively by the ad-hoc committee on "International Cooperation in Nuclear Physics," strongly endorsed during the C12 meeting, no further descrip-

tion is given in these minutes. A separate message will deal with the formation of this committee, the mandate of the committee, and the membership of the committee. The Chair will be Anthony W. Thomas of the University of Adelaide.

One year following the IUPAP General Assembly new appointments of Associate Members of C12 and to other IUPAP Commissions need to be made. Following discussions within C12, and by the Chair with the Chairs of the other Commissions, and letters of invitation and letters of acceptance, the Associate Members appointed are:

Wick Haxton (PaNAGIC)

Arthur B. McDonald (C19)

A. W. Thomas (Chair C12 Committee on Cooperation in Nuclear Physics)

Michael E. Zeller (C11)

Stuart J. Freedman (to C19)

Dan-Olof Riska (to C11)

W. Y. P. (Pauchy) Hwang will be the representative of C12 on C13, the IUPAP Commission on Physics for Development.

A separate message will be circulated about the Associate Memberships.

- (9) The C12 meeting adjourned following a dinner hosted by Werner Tornow as Chair of FB16, with as further guests John N. Bahcall and Berndt Mueller.