

**The 25<sup>th</sup> General Assembly  
of the  
International Union of Pure and Applied Physics (IUPAP)  
October 26-28, 2005**

**AGENDA**

**Wednesday, October 26, 2005**

1. 9:00      Opening and introduction of guests, *Petroff*  
                    Remembrance of recently deceased officers
2. 9:15      Welcome by an official from South Africa
3. 9:30      Adoption of agenda and minutes, *Petroff*
4. 9:40      Presidential address, *Petroff*
5. 10:10     Financial report, *Barber*
6. 10:20     Secretary General's report on member affairs, *Barber*
7. 10:30     Proposal for a new Affiliated Commission on Medical Physics, *Niroomand-Rad*  
As the result of a joint committee of IUPAP and the International Organization for Medical Physics, the IUPAP Executive Council recommends the formation of a new Affiliated Commission on Medical Physics. Medical physicists have many areas of overlapping interest and concern with physicists in other areas, and this New affiliated commission will allow closer cooperation between the two inter-national groups. There are today many areas in medicine where collaborations between doctors, biologists, physicists and computer scientists are necessary; physics plays an important role in these. There will be a resolution to approve this new Affiliated Commission. **(Attachment #7)**
- 10:50     Coffee break
8. 11:10     First presentation of slates for elections and discussion of procedures, *Petroff*
9. 11:25     Introduction of topics for new business from Liaison Committees
10. 11:40    Report on free circulation of scientists and discussion, *Luth*  
The difficulty in obtaining visas has been a major problem during the past few years. At one point, problems with visas for travel to the USA were sufficiently severe that IUPAP considered restricting sponsorship for conferences in the USA. However, the situation for visas in the USA has now greatly improved, but problems remain there and in other parts of the world. A report on the current situation will be given.
11. 12:05    Report from the IUPAP Working Group on Energy and discussion, *Heinloth*  
Energy will be one of the most important problems of this century. For this reason, the IUPAP Executive Council initiated a Working Group on Energy and asked it to prepare a report on the current situation. A summary of this report will be presented. The full report will be available on the IUPAP website as soon as its review is completed. The General Assembly will be asked to approve the report. **(Attachment #11)**

- 12:45 Lunch break
12. 2:15 Report from IUPAP Working Group: International Committee on the Future of Accelerators, *Dorfan (Attachment #12)*
13. 2:45 Report on plans for the International Linear Collider, *Barish*
14. 3:05 Call for renominations for IUPAP commissions, *Petroff*
- 3:55 Coffee break
15. 4:15 Report from the IUPAP Working Group on Nanoscience, *von Wijngaarden*  
At its last meeting, the IUPAP Executive Council initiated a Working Group on Nanoscience, a very rapidly growing area of physics. It was felt that there was no necessity to create a new commission in this area because at least six commissions are strongly involved in this field. The working group was asked to examine the interface between atomic and solid state physics in this area; the new possibilities with cold atoms (Bose-Einstein condensation, superfluidity, superconductivity....) allow a new and strong interaction between the two communities. **(Attachment #15)**
16. 4:40 Report on ethics guidelines, *Ushioda*  
The IUPAP Working Group on Communication in Physics has proposed a set of ethics guidelines (see attached document). These were reviewed by the Executive Council, which recommends them to the IUPAP General Assembly. There will be a resolution to approve these. **(Attachment #16)**

#### Thursday, October 27, 2005

17. 9:00 Report on the Second IUPAP Conference on Women in Physics, *Barbosa*
18. 9:25 Proposal for new IUPAP Prizes, *Barber*  
At the last meeting of the Executive Council meeting, it was proposed that IUPAP should give small prizes, or perhaps medals, for early career scientists in each area of physics. These would be given on the nomination of the individual commissions. There will be a resolution to approve this proposal. **(Attachment #18)**
19. 9:50 Report from the IUPAP Working Group on Particle and Nuclear Astrophysics and Gravitation (PANAGIC), *Bettini (Attachment #19)*
20. 10:15 Report from the IUPAP Working Group on Ultrahigh Intensity Lasers (ICUIL), *Mourou*
- 10:40 COFFEE BREAK
21. 11:00 IUPAP dues for 2005-2008, *Petroff*  
The Executive Council will present a proposal for discussion.
22. 11:20 IUPAP conference support and registration fees, *Barber*
23. 11:40 Report from C16 on the status of ITER, *Jacquinot*
24. 12:05 Report on the World Year of Physics activities, *Ducloy*

12:30 Lunch

**Friday, October 28, 2005**

25. 9:00 Report from the ICSU African Office, *Muhongo*

26. 9:15 Election of commissioners and officers, *Petroff*

27. 9:45 Votes on all resolutions, *Petroff*

10:45 COFFEE BREAK

28. 11:05 Report on ICSU activities, *Astbury*

29. 11:30 New Business from Liaison Committees

12:30 Adjourn