

C10 Structure and Dynamics of Condensed Matter:

Commission 10 is one of the most difficult of IUPAP commission to organise largely due to its broadness. The field of Condensed Matter Structural Dynamics covers a wide range of topics from energy to nano-science, including information physics. The main focus of the commission is on major facilities world-wide. In its membership recruitment drive, the commission often asks the following questions: What major facilities are there in the country and what are such facilities used for? In what way could such major facilities be used to tackle energy issues? The commission is currently gearing up for the award of a top scientist prize.

Following concerns by the commission chair after seeing a list of commissioners he was not familiar with, a document has been developed with details of all commission members, with some photos included.

There was concern that the history of the commission as it appeared on the website was very disjointed, with most people failing to serve because they have been promoted to other responsibilities.

Sukekatsu Ushioda highlighted the need for the C+CC meeting to think collectively about how to tackle the fundamental problem of the diverse range of science faced by C10. Samuel Bader, the commission chair, pointed out he was not overwhelmed by the diversity of C10 as it is simply a reflection of the diversity of the field of condensed matter physics which historically had rarely spoken with one voice. However, the commission chair also felt that C10 should be more focussed. In the meantime a close eye should be kept on C10.

Conferences: A type A conference on Materials and Mechanisms of Superconductivity is scheduled for August 2010 in Tokyo, Japan.