

**IUPAP Commission on Semiconductor Physics (C8)
Report on Activities for the October, 2015 C&CC Meeting
April to Oct. 2015 - Mike Thewalt, Chair C8**

C8 Membership 2014-2015

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Sponsored Conferences

C8 had one sponsored type-A conference in 2015, the 21st International Conference on Electronic Properties of Two-Dimensional Systems/17th International Conference on Modulated Semiconductor Structures (EP2DS/MSS), held from July 26-31, 2015, in Sendai, Japan.

C8 Annual General Meeting (AGM)

The C8 AGM took place on the afternoon of July 28, 2015 at the EP2DS/MSS conference in Sendai, Japan. Six members of C8 were present at the meeting, and the entire membership offered input via email on issues of significance both before and after the meeting.

Conference co-chair Shingo Katsumoto presented a summary and statistics for the EP2DS21/MSS17 meeting, which all agreed had been a notable success.

Conference Chair Hongqi Xu presented a summary of the preparations for the 33rd International Conference on the Physics of Semiconductors (ICPS33), to be held in Beijing from July 31 to Aug. 5, 2016. Members of C8 offered considerable input on the makeup of the tentative International Advisory Committee and Program Committee, both in terms of thematic breadth and international representation. Prof. Xu was very

appreciative of these suggestions, and has brought them to the organizing committee, which has acted on them. There were detailed discussions regarding the 2016 C8 Young Scientist Prizes, which will be awarded at ICPS33, and also about reinstating the C8-ICPS Student Poster Awards. These issues, and the question of IUPAP sponsorship for ICPS33, will be detailed separately below. It was agreed that preparations for ICPS33 appeared to be well in hand.

Gerald Bastard presented a summary of preparations for ICPS34 (2018), which has been provisionally approved for Montpellier, France.

Sven Rogge, of the University of New South Wales, Australia, presented background information for a possible ICPS35 (2020) in Sydney. A formal bid is expected at our next C8 AGM at ICPS33 in 2016.

C8 Associate Members, 2015-2018

It was decided at the meeting, and approved later by those not in attendance, that C8 would nominate three associate members for 2015 to 2018:

from C9 - Joël Cibert
from C10 - Vladimir Kulakovskii
from C17 - Thaddeus Ladd

All three have agreed to serve as associate members, and the nominations were enthusiastically supported by the chairs of C9, C10 and C17.

Sponsored Conference for 2016

The only application for 2016 IUPAP sponsorship under C8 was received from ICPS33. The ICPS conference series is the main series of C8, and C8 unanimously supports the application of ICPS33 for sponsorship as a type-A conference in 2016.

C8 2016 Young Scientist Prizes (YSP)

We were pleased to learn from Prof. Xu that ICPS33 wished to have the two 2016 C8 YSP prizewinners give Plenary Talks as part of the ICPS33 closing session, which will guarantee a high profile for the prizes and prizewinners. We have moved the closing date for nominations ahead by one month to Dec. 31, 2015, and the Call for Nominations for the 2016 IUPAP C8 YSP has been announced.

C8 budget and Student Poster Awards

There was discussion of how to use the C8 budget, and it was decided to reinstate Student Poster Awards as part of ICPS33. Prof. Xu was enthusiastic about this possibility, and willing to have the ICPS33 committees do the adjudication. The awards would be given during the ICPS33 closing session, after the YSP Plenary Talks.