

IUPAP Commission on Semiconductor Physics (C8)
Report on Activities in 2017/2018 for the May, 2018 C&CC Meeting

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The last report about the activities of C8 was submitted in September 2017 by Michael Thewalt.

At the 29th General Assembly of IUPAP in October 2017 the new C8 commission was elected which started serving January 1st 2018. The new members were welcomed and the departing members were thanked for their work.

The commission being in office until December 31st 2017 published the call for the two 2018 IUPAP young scientist prizes (YSP) in semiconductor physics with the deadline being end of December 2017. By December 31st 2017 11 valid nominations were received. These were more nominations than received in previous calls. Apparently the deadline of end of December encourages people to think about possible nominations and to submit them on time. The new commission was constantly kept informed about the whole process of the call.

A further nomination was received on January 4th 2018 and the new commission, then being in office, decided to reject it as an invalid nomination for the 2018 call but to retain it for the next call.

The secretary of C8 organized the voting to select the two prize winners during February 2018. A lot of really strong nominations were submitted, so it was a difficult task to select the winners. The final voting of the commission led to the result that the two YSP winners in semiconductor physics of 2018 will be

Dr. Jean-Christophe Blancon, Los Alamos National Laboratory, USA, and
Prof. Heejun Yang, Sungkyunkwan University, Suwon, Korea.

The prizes will be awarded during the closing session of the 34th International Conference on the Physics of Semiconductors (ICPS) which will be held in Montpellier, France, from July 29th until August 3rd 2018.

As IUPAP sponsored conferences in 2018 there will be the 34th ICPS in Montpellier and the 20th International Conference of Superlattices, Nanostructures, and Nanodevices (ICSNN 2018), which will be held in Madrid from July 23rd until July 27th 2018.

The next meeting of the C8 commission where the new commission will meet in person for the first time will take place in Montpellier, France, on Tuesday, July 31st 2018 during the 34th ICPS.