



QEOD Thesis Prize for Applied Aspects

The European Physical Society recognizes Mathieu Massicotte for excellent PhD research and scientific communication

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Since 2007, the Quantum Electronics and Optics division (QEOD) of the European Physical Society (EPS) awards up to four Thesis prizes around the CLEO Europe Conference to reward excellence in PhD research and scientific communication in the area of quantum electronics and optics. The prizes take into account related PhD thesis work submitted in the two years prior to the conference. These Prizes are awarded for fundamental and applied aspects.

The 2019 QEOD Thesis prize for applied aspects is awarded to **Dr. Mathieu Massicotte**, whose thesis was supervised by ICREA Prof. at ICFO Frank Koppens. His thesis entitled *Ultrafast optoelectronics in 2D materials and their heterostructures* dealt with the exploration of the optoelectronic response of devices based on 2D materials and vdWH in order to understand the dynamic processes governing their photocurrent generation mechanisms, and thereby facilitate the design of high-performance photodetectors.

Mathieu Massicotte is currently working as a postdoctoral research fellow at the Institut Quantique of the University of Sherbrooke in Canada. His research interests lie at the intersection of experimental condensed matter physics and photonics, with a focus on optoelectronic nanodevices based on novel 2D materials.