



Light Scattering and Emission from Hetero-structures

2 pm, Thursday June 14th 2018

J. Heyrovský Institute

Rudolf Brdička Lecture Hall

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Heterostructures based on layers of atomic crystals have a number of properties often unique and very different from those of their individual constituents and of their three dimensional counterparts. The combinations of such crystals in stacks can be used to design the functionalities of such heterostructures. Prof. Ferrari will show how Raman spectroscopy can be used to fingerprint such heterostructures, and how these can be exploited in novel light emitting devices, such as single photon emitters, and tuneable light emitting diodes.