

# Otwarte Seminarium Naukowe

## Instytut Fizyki CNiD

20-02-2019, godz. 15:00

Aula B, budynek CNT, ul. Konarskiego 22B

### Van der Waals epitaxy of atomically thin hexagonal boron nitride on graphene

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Two-dimensional (2D) hexagonal boron nitride (h-BN) has attracted great attention due to its possible integration as an ultra-thin dielectric layer in 2D heterostructures with graphene and other 2D materials, which could be useful for several applications in nanoelectronics. In this contribution I will report on our research at the Paul-Drude-Institute, which aimed at the direct synthesis of h-BN on graphene templates for the realization of van der Waals heterostructures.

**Serdecznie zapraszamy wszystkich zainteresowanych**