**Materials Science Colloquia**

**Physics Department**

**University of Rome Tor Vergata**

 (webinars on the Zoom platform)

 Organizers : Maurizia Palummo , Luca Camilli



**Maurizio Passacantando**

Dipartimento di scienze fisiche e chimiche, Università dell’Aquila

Title *“Chemical vapor deposition growth of carbon nanotubes: characterization and applications”* 6 November 2020, 3.00pm

**Liv Hornekær**

Department of Physics and Astronomy & interdisciplinary Nanoscience Center- iNANO, Aarhus University, Denmark

Title “*Engineering the Electronic and Chemical Properties of Graphene via Functionalization and Intercalation*”

16 November 2020, 3.30 pm

**Nicola Marzari**

École Polytechnique Fédérale de Lausanne, Switzerland

Title “*The great acceleration in the design and discovery of novel materials*”

14 December 2020, 3.30 pm

**Jani Kotakoski**

Faculty of Physics, University of Vienna, Austria

Title “*Atomic-scale manipulation of 2D materials*”

20 January 2021, 3.30 pm

**Stephan Hoffman**

Division of [Electrical Engineering](http://www.eng.cam.ac.uk/node/601), University of Cambridge, the United Kingdom

Title “*Integrated Crystal Growth of Advanced Nanomaterials: from model systems to integrated manufacturing*”

11 February 2021, 3.30 pm

**Jeffrey C. Grossman**

Department of Materials Science and Engineering, Massachusetts Institute of Technology, Massachusetts, USA

Title “*Materials Innovation for Energy and Water*”

18 March 2021, 3.30 pm

**Marco Bernardi**

Applied Physics and Materials Science, Caltech Institute of Technology, California, USA

Title “*Electron dynamics in materials from first principles*”

15 April 2021, 4.00 pm