

CAPE-CGC Advanced Technology Lectures: *Easter 2013*

CAPE ATRIUM-4 pm:

- 19th April 2013** Prof Edoardo Charbon *Integrated Photon-Counting Technologies: CMOS And Beyond*
(Delft University of Technology, Netherlands)
- 26th April 2013** Dr Tom Brown *Recent Progress In Mode-locked Solid State Lasers*
(University of St Andrews, UK)
- 3rd May 2013** Prof Henri Happy *Graphene Devices For High Frequency Applications*
(Lille University, France)
- 10th May 2013** Prof Li-Rong Zheng *Printable Electronics And Heterogeneous System Integration*
(Royal Institute of Technology, Sweden) *For Intelligent Paper And Package Applications)*
- 17th May 2013** Prof Aldo Di Carlo *Fabrication And Characterization Of Dye Sensitized Solar Cells:*
(University of Rome Tor Vergata, Italy) *From Basic Research To Industrialization*
- 24th May 2013** Dr Duhee Yoon *Strain And Thermal Expansion Coefficient Of Graphene*
(Cambridge Graphene Centre, Cambridge, UK) *Studied By Raman Spectroscopy*
- 31st May 2013** Prof Fatih Ömer Ilday *Nonlinearity Engineering In Photonics: From Mode-Locked*
(Bilkent University, Turkey) *Lasers To Nonlinear Laser Lithography*
- 7th June 2013** Prof Miro Zeman *Challenges In Silicon-Based PV Technologies*
(Delft University of Technology, Netherlands)
- 14th June 2013** Prof. Nicole Grobert *Controlled Generation And Application Of*
(University of Oxford, UK) *Nanostructured Materials*
- 21st June 2013** Dr Simon Wood *Real-world Challenges In Electronic Systems: Pulling Through*
(Detica Limited, UK) *Innovation And Making Things Work*
- 28th June 2013** Dr Alessandro Pecora *Flexible Electronics Based On Polycrystalline Silicon*
(CNR-IMM, Italy) *And Integration Technologies For Smart Electronic Systems*
- 5th July 2013** Prof Gerasimos Konstantatos *Hybrid Nanomaterial Platforms For Improved Performance*
(ICFO - The Institute of Photonic Sciences, Spain) *In Sensing And Solar Harnessing*
- 12th July 2013** Prof Renato Gonnelli *Surface Charge Doping By Polymer Electrolyte Gating In Metals*
(Politecnico di Torino, Italy) *And 2d Systems: A Route To Synthetic Superconductivity*
- 19th July 2013** Prof Anders Hagfeldt *Mesoscopic Solar Cells And Solar Fuels*
(Uppsala University, Sweden)
- 26th July 2013** Prof Andras Kis *Single-Layer MoS₂: Transport Properties, Devices And Circuits*
(École polytechnique fédérale de Lausanne, Switzerland)



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