

# Timothy John Booth

Assistant Research Professor – Nanocarbon Group – Technical University of Denmark



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CAREER	<b>Assistant Research Professor</b> (Forsker) Department of Micro- and Nanotechnology Technical University of Denmark (DTU Nanotech) <i>Focus areas: Chemical vapour deposition of graphene, environmental transmission electron microscopy of graphene and 2D materials, microfabrication, large area characterisation</i>	Nov 2011 - Present
	<b>Postdoctoral Researcher</b> DTU Nanotech <i>"Nanoengineered Graphene Devices" Danish Independent Research Council for Technology and Production Science - Advisor: Professor Peter Bøggild (AEG Elektronpris 2009)</i>	Nov 2008 – Nov 2011
	<b>Managing Director</b> , Graphene Industries Ltd. Manchester, UK <i>Co-founder of world's first supplier of quality graphene flakes to researchers and industry</i>	Mar 2007 – Nov 2008
EDUCATION	<b>Ph.D.</b> Mesoscopic Physics & Nanotechnology, Manchester University, UK <i>"Identification, Fabrication and Characterisation of Two-Dimensional Materials"</i> Advisor: Professor André Geim, Nobel Prize, Physics 2010	Sept 2004 – Sept 2008
	<b>M.Phys.</b> (Hons), 1 <sup>st</sup> class, Physics Manchester University, UK	Sept 2000 – June 2004
	<b>Reciprocity Student</b> University of California at Berkeley	Sept 2002 – June 2003
	<b>Summer Internship</b> Manchester University, UK	Jun 2003 – Sept 2003
HONOURS, AWARDS AND GRANTS	<b>Ørsted Postdoctoral Stipend</b> Technical University of Denmark	Nov 2010
	<b>Individual Postdoctoral Stipend</b> <i>"GraVOX" Danish Independent Research Council for Technology and Production Science</i>	DKK 370k Nov 2011
	<b>"Gladiator" EU FP7-NMP-2013-LARGE-7</b> Growth and transfer of CVD graphene	DKK 5m Nov 2013
	Various: in other grants, venture capital etc.	15% of EUR 8.7m > DKK 1.5m
TEACHING	<b>Chairman</b> , 1 <sup>st</sup> Graphene Flagship Winterschool. Oberurgl, Austria	Feb 2014
	<b>Course Responsible</b> , International Innovation Workshop Technical University of Denmark / Nanyang University, Singapore / Rensselaer Polytechnic Institute, USA	May 2013 - Present
	<b>Lecturer</b> , Nano 2 and Nano 3 M.Sc. And Ph.D. level courses in special graphene research topics Technical University of Denmark	Nov 2008 - Present
	<b>Co-supervisor</b> of 3 current Ph.D. students, 1 graduated Ph.D. student and 3 M.Sc. students	Nov 2008 - Present
METRICS (May 2014)	19 Peer reviewed publications > 6900 citations <i>h index = 9</i>	Including Nature, Science, PNAS, Nano Letters, APL, JAP, JPhysChemC, Nanotechnology...