



GRAPHENE FLAGSHIP

GRAPHENE CONNECT – INVESTMENT OPPORTUNITIES





LOCATION:

The National Graphene Institute (NGI) Booth Street East, off Oxford Road

TRAVEL:

It is possible to get to the venue by train, tram, bus and car. Please see further information in their [website](#).

<http://www.graphene.manchester.ac.uk/>

PARKING:

The NGI itself has no parking facility but is situated next to a big multi-storey car park.

PROGRAM:

12.30 -18.30. Please do note that NGI is hosting a general introduction to Graphene and its applications at the same location starting at 9:30. You are very welcome to attend this event upon [registration](#).

<http://www.businessgrowthhub.com/events/growth-service/graphene-industry-workshops-2015>

PROGRAMME

GRAPHENE

CONNECT

Monday 22 June

12:30 *Lunch*

13:45 – 14:00 **Welcome and introduction**
Helena Theander, Deputy work package leader for Innovation

14:00 – 14:45 **Presentations on investing in graphene:**

Dr. Achim Hoffmann, IP Group
Jaap Meelker/Edgard Creemers, InvestinFuture
Dr. Mark Rahn, MTI Ventures

14:45 – 15:00 **Questions and answers**

15:00 – 15:15 *Coffee*

15:15 – 16:00 **Graphene SME success stories:**

Dr. Nigel Salter, 2-Dtech/Versarien
Paul Hedges, Applied Nanolayers
Liam Britnell, Bluestone Global Tech./
Graphene Lighting Ltd

16:00 – 16:15 **Questions and answers**

16:15 – 17:00 **Panel session discussion.**
Moderator: Richard Young, BVCA

Julio Gomez, Avanzare
Amaia Zurutuza, Graphena
Mike Banach, FlexEnable
Ray Gibbs, Haydale

17:15 – 17:30 *Light refreshments*

17:30 – 18:30 **VC/SME matchmaking and pitching**

SPEAKERS & PARTICIPANTS



Richard Young **BVCA**

Richard Young is Manchester's longest surviving venture capitalist, backing his first start up here in 1989 when working with 3i. He set up the Manchester Technology Fund in 1999 and invested in a Graphene project in 2007, where he is still on the board. He now represents the BVCA, which is the trade association for the Venture community in the UK, as its Director for the North, based in Manchester.



Achim Hoffmann **IP Group plc**

Before joining IP Group plc, the leading UK IP commercialisation company, in January 2013, Achim had been working in the entrepreneurial sector for the last 10 years after raising government grant funding for a water disinfection technology start-up. He launched his career at the Cleantech Fraunhofer Institute IUSE as an expert for membrane process development mainly for water applications but also got involved in a wide range of other industrial cleantech projects. Later he joined McKinsey & Company initially in the Düsseldorf and then the London Office as a strategy consultant working across a variety of client industries. Achim received his Chemical Engineering Diploma and Dr Degrees from Universities in Karlsruhe and Dortmund. He also holds an MBA from Kellogg. While being involved in a wide variety of tech investment projects and companies at IP Group, he is specifically interested in graphene and water related opportunities. He manages the £2.5m IP Group Proof of Principle fund dedicated to commercialise Graphene/2D related IP developed at Manchester University.

Jaap Meelker **InvestInFuture**

Jaap has a banking background with Van Lanschot Bankiers. At Van Lanschot Jaap was primarily responsible for relationship management with high net worth individuals. Jaap's focus was investment advice and wealth management.

After Van Lanschot Jaap joined a Multi Family Office as specialist on asset-allocation and wealth management.

As of October 2012 Jaap is working for InvestInFuture as investment manager. In this role Jaap is responsible for structuring and managing a portfolio of VC investments, including among others Applied Nano Layers.

Edgar Creemers **InvestInFuture**

Edgard has a Master in Bio Organic Chemistry. After finalising his studies Edgard embarked on a career in finance. Edgard spent 5 years in ABN AMRO of which 2 years as manager for Fund Administration in Asset Management and 3 years in Corporate Finance, Capital Structure Advisory. In 2006 Edgard started at Financierings Maatschappij voor Ontwikkelingslanden ("FMO") where Edgard was responsible for project- and corporate finance in respectively Sub Saharan Africa, Latin America and finally Asia. Next to his job at FMO Edgard set up InvestInFuture in 2010. Per 1 January 2015 Edgard has switched to fulltime employment by InvestInFuture

Paul Hedges **Applied Nanolayers (ANL)**



CEO and co-founder of Applied Nanolayers (with Dr Richard van Rijn and Professor Joost Frenken). ANL produces semiconductor grade mono-layers of graphene and other 2-D materials on 200 mm wafers in Nijmegen, the Netherlands. Prior to founding ANL, Paul has worked extensively in new and established high technology organisations ranging from mobile messaging through to defense and semiconductors in a range of technical and commercial roles in the UK, Sweden and the Netherlands. Previous roles include consumer marketing at L.M. Ericsson, Plasma technology marketing at Perkin Elmer and Integrated Optics at ITT research (STL).



Dr. Amaia Zurutuza

Graphenea

Amaia Zurutuza received her Ph.D. degree in polymer chemistry from the University of Strathclyde in 2002. From 2001 to 2003, she was a Postdoctoral Research Fellow working in two European projects with regard to molecularly imprinted polymers. In 2004, she joined Ferring Pharmaceuticals (previously Controlled Therapeutics) where she was a Senior Polymer Scientist researching new controlled drug delivery systems. Her contribution led to the granting of three patents in novel biodegradable and biostable polymers for the controlled release of active compounds. In 2010, she became the Scientific Director of Graphenea S.A., San Sebastian, Spain. At Graphenea, she leads the research and development activities on graphene-based materials. Since joining Graphenea, she has so far filed for two patents and published in Nature and Science. Through her position at Graphenea, she is working in close cooperation with different companies and research centers to examine a wide range of applications of graphene, such as: energy storage, solar cells, touch screen and display technology, sensors, optical transistors, and light harvesting devices. Her research interests include the synthesis, characterization, and potential industrial applications of graphene.



Dr. Julio Gomez Cordón

AVANZARE

Julio Gomez Cordón has a PhD in Chemistry at Universidad de La Rioja and a Graduate in Universidad Complutense de Madrid. He received a Best Graduate in Chemistry Award from Universidad Complutense de Madrid, and a Best PhD in Science Award in 2001 from Universidad de La Rioja. He has received the European New Product Innovation 2012 for the development in graphene nanocomposites; the National Entrepreneur 2008 Award (Spanish Ministry of Industry), Nanoaward2008 award (Best Product category), 5 national and regional award in innovation, R&D and young businessman. He is the author of 39 papers in international reviewed journals, 6 books, and 8 patents in exploitation and has been working in more than 150 R&D projects. From October 2004 is the General Manager of the AVANZARE Group.



Dr. Nigel Salter
2-Dtech/Versarien Salter

Dr Nigel Salter joined 2-DTech as Managing Director in July 2014. He has a wide-ranging experience in product management, engineering and manufacturing operations in sectors as diverse as automotive components, scientific instrumentation and FMCG. As an engineer with no prior knowledge of graphene, but a wealth of experience in developing and launching new products and processes, he is focused on overcoming the technical, and commercial obstacles to exploiting the potential of graphene.



Mark Rahn
MTI Partners Limited

Principle liaison for Manchester University TTO. Starting out as a physicist with a strong scientific achievement record, Mark switched to commercial activities by co-founding technology companies based on his former research in optoelectronic materials for communications, data storage and displays. Mark entered venture capital in 2005 initially investing in generalist businesses before focussing on technology companies. Dr Rahn holds a BSc Physics and a PhD Optoelectronics from University of Manchester and an MBA (Distinction) from Manchester Business School.



Mike Banach
FlexEnable

Mike leads FlexEnable's technical team, overseeing R&D aspects as well as defining the company's technology strategy and roadmap. He also drives the company's technical innovation programmes, focussed on working with external partners to enhance the performance and application of plastic electronics.



Ray Gibbs
Haydale

Ray is a Chartered Accountant, and a former Deloitte audit and corporate finance partner for 9 years. He has spent the last 18 years in industry as CFO or commercial director of high technology and fast moving consumer goods businesses both in the quoted and private arenas with sales ranging from £500,000 to £500 million. He was a former CFO of Chemring Group Plc. Ray was part of Haydale Graphene Industries' management team that acquired Haydale Limited in 2010.



Liam Britnell
Graphene Lightning plc

Liam is currently the UK Manager at BGT Materials Limited, where he oversees projects across a broad spectrum of graphene research; from graphene CVD and powder production to applications in thermal pastes, composites and membranes. He has been involved in graphene research since 2008 and was awarded a PhD from the Condensed Matter Physics Group at the University of Manchester in 2012 for his work on the electronic properties of graphene based heterostructures. He then held an EPSRC Doctoral Prize Fellowship at the University of Manchester to expand this work to high efficiency LEDs based on 2D materials. During his academic career he was able to publish widely in high impact journals including letters in Science and NPG journals, he also holds two patents for related work. Since then he has made the move towards industry and has held his current role since September 2013.

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SME PITCHING

CNM Technologies

CNM Technologies can produce a 1 molecule thin carbon nanomembrane that can be used in different high volume coating and filtering applications.



Xefro

Xefro has created the first mass commercial application of graphene. The intelligent heating system uses up to 70% less energy compared with other heating systems.



CrayoNano

CrayoNano is about to revamp the UV LED industry with a technology based on a unique method of growing nanowires on graphene.



Abalonyx AS

We have developed a scalable and safe process for production of graphene oxide (GO) and now produce and sell Kg-batches.



NanoXplore GmbH

NanoXplore proprietary industrial pristine graphene producer establishes German GmbH seeks funds to support collaborations for new compound development.



Hubron International Limited

Manchester based, Hubron has considerable experience incorporating carbon nanoparticles into polymer matrices and are looking for potential opportunities to partner with companies involved in the application into Polymer matrices or production and supply of graphene and graphene based 2D materials.



Find & Fix

The Graphene Boutique Business Accelerator focuses on increasing success rates for graphene businesses and investors by offering business knowledge and industry contacts.