



WELCOME

Dear participant,

On behalf of the organising committees, it is my pleasure to welcome you to Graphene Week 2015. We hope you will enjoy the scientific programme with 90 expert sessions, covering over 15 topics on graphene, related two-dimensional materials and heterostructures, 72 contributed oral presentations and over 350 poster presentations.

In addition, we have arranged several parallel and social activities such as five fringe sessions, guided library tours, a founding meeting of women in graphene, a conference welcome reception and a conference dinner.

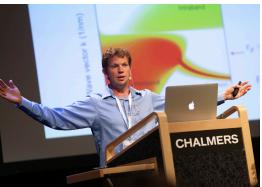
We hope that you will enjoy Graphene Week and that your interaction with your colleagues from around 40 different countries will stimulate a creative exchange of ideas and will be personally rewarding. We also hope and trust that you will enjoy your visit to the lively city of Manchester.

I am looking forward to meeting you in Manchester at what promises to be a most stimulating and enjoyable event!

Yours sincerely, **Dr Cinzia Casiraghi** Conference Chair









Graphene Week 2014, Gothenburg, Sweden







COMMITTEES

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Tony Heinz, Columbia University, US

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EXHIBITORS





The Business of Science®





























SESSION ONE (22-23 JUNE)

Oxford Instruments

Blue Scientific

Accurion

Bruker

CNM Technologies

Nano Carbon

Horiba

SISTEMTechnology

Keysight Technologies

SESSION TWO (24-25 JUNE)

Sigma-Aldrich

Renishaw

Accurion

Netzsch

Graphene Square

Raith GmbH

Horiba

Graphene Nanotech

PlanarTECH LLC

SPONSORS

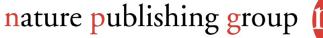








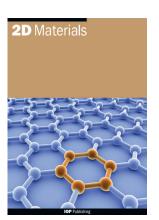










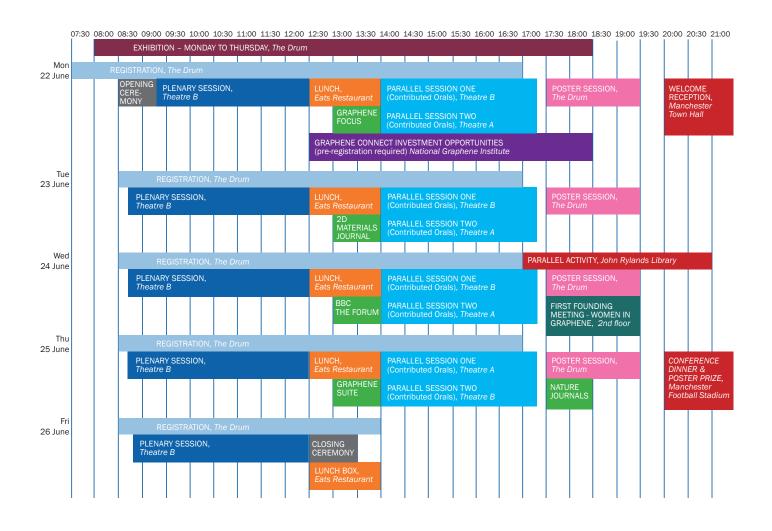






SCIENTIFIC PROGRAMME

OVERVIEW







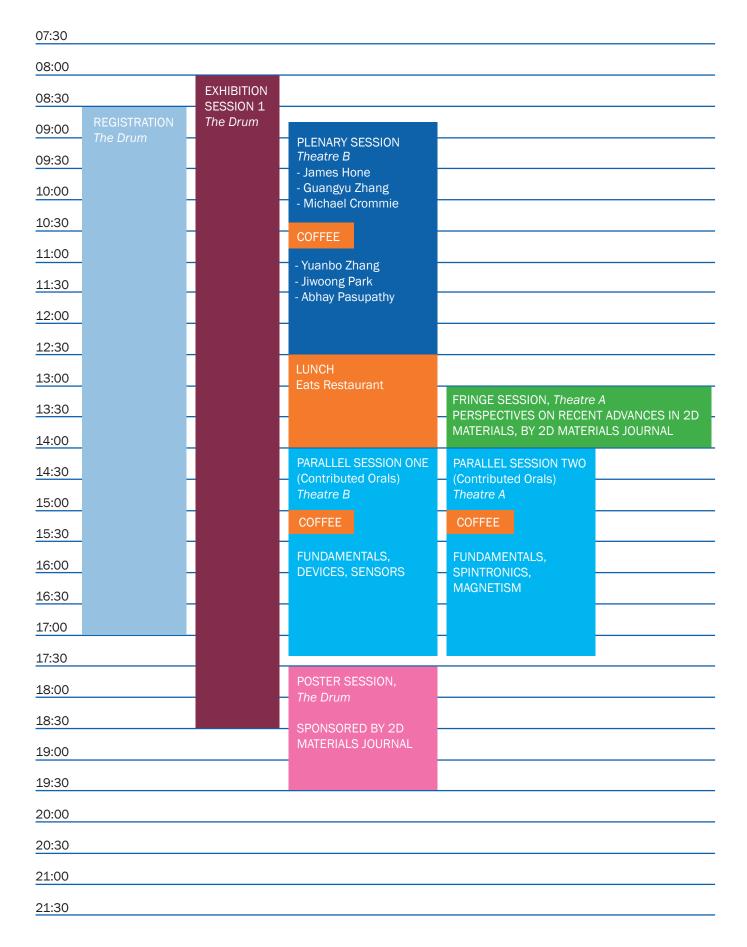


MONDAY 22 JUNE

07:30						
08:00	REGISTRATION The Drum					
08:30		EXHIBITION SESSION 1				
09:00		The Drum	OPENING CEREMONY Theatre B			
09:30			PLENARY SESSION			
10:00			Theatre B - Philip Kim			
10:30			- Shu-Jen Han COFFEE (PlanarTECH)			
11:00			- Rodney S. Ruoff			
11:30			- Kodney S. Kuon - Wolfgang Templ - Kostya S. Novoselov			
12:00						
12:30						
13:00			LUNCH Eats Restaurant			GRAPHENE CONNECT -
13:30				FRINGE SESSION, Theatre GRAPHENE FOCUS BY	_	INVESTMENT OPPORTUNITIES, -
14:00				THE GRAPHENE FLAGSHI	2	National Graphene -
14:30			PARALLEL SESSION ONE (Contributed Orals)	PARALLEL SESSION TWO (Contributed Orals)		Institute -
15:00			Theatre B	Theatre A		(pre-registration required)
15:30			COFFEE (PlanarTECH)	COFFEE (PlanarTECH)		
16:00			FUNDAMENTALS	PRODUCTION		
16:30			_			
17:00		_				
17:30						
18:00			POSTER SESSION The Drum			
18:30			SPONSORED BY			
19:00			TEXAS INSTRUMENTS			
19:30						
20:00						
20:30			WELCOME RECEPTION Manchester			
21:00			Town Hall			
21:30						

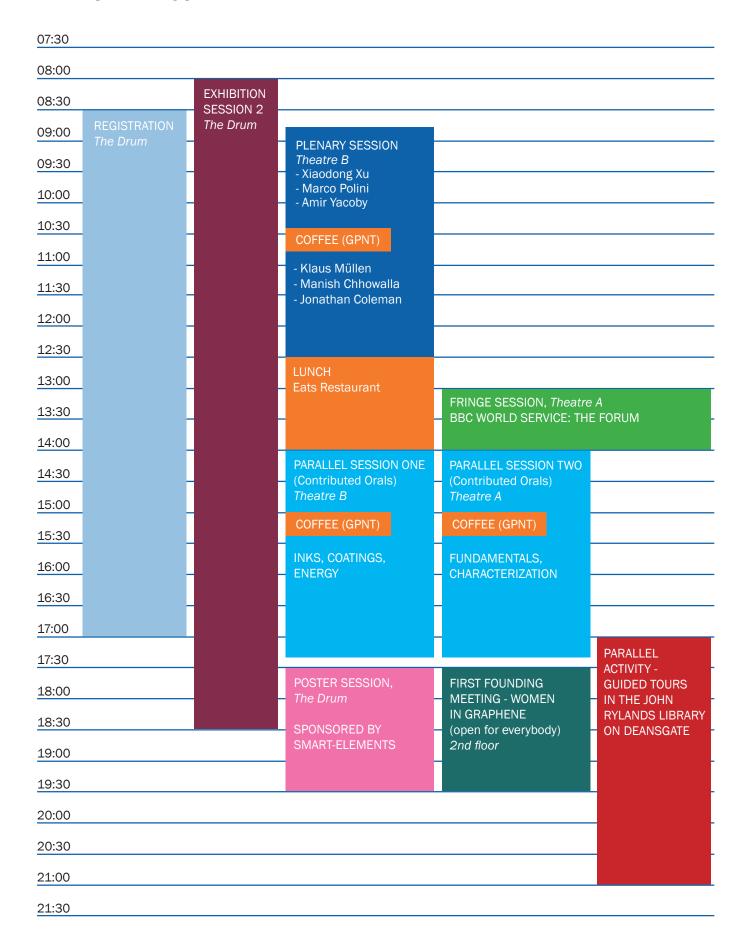


TUESDAY 23 JUNE



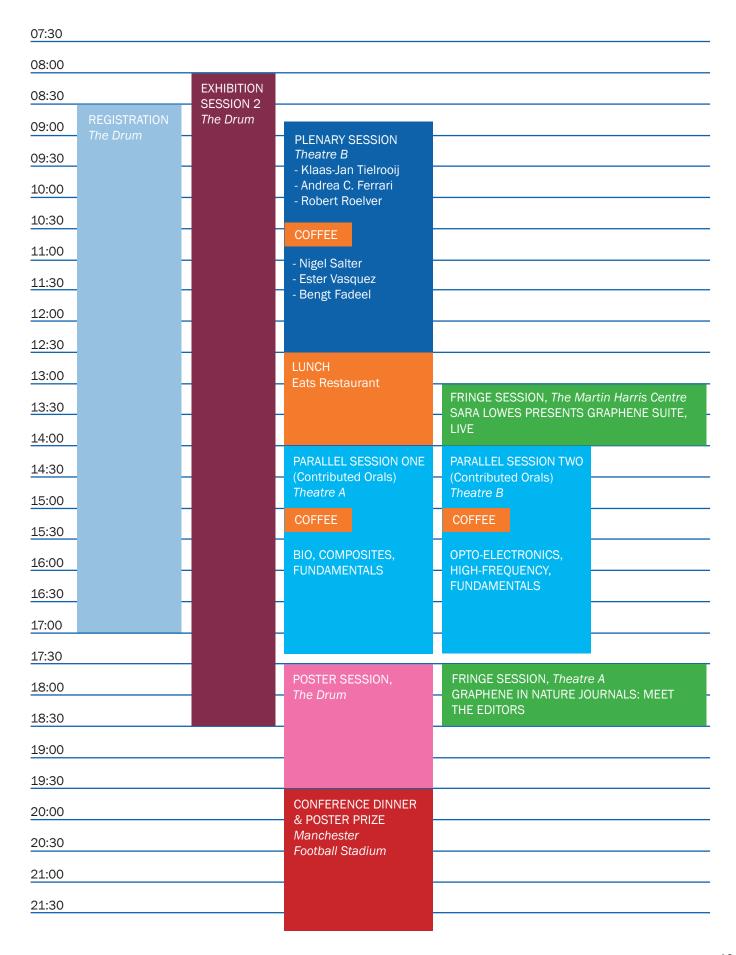


WEDNESDAY 24 JUNE



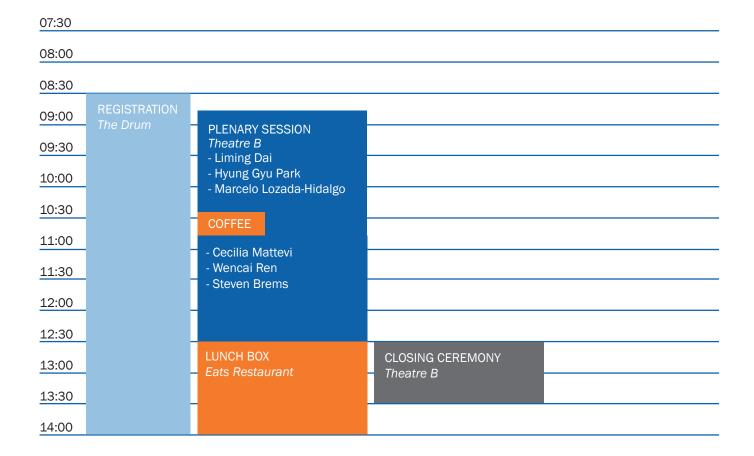


THURSDAY 25 JUNE





FRIDAY 26 JUNE





CONNECT WITH YOUR COLLEAGUES

EXPERIENCE GRAPHENE WEEK BEYOND THE SCIENTIFIC PROGRAMME

In parallel with the scientific programme, we have arranged a number of social activities where you can interact with new and old colleagues. On the following pages, you can read more about the activities.

Share your #GrapheneWeek experience







FRINGE SESSION

GRAPHENE FOCUS: THE JOURNEY SO FAR

MONDAY 22 JUNE 13:00-14:00, THEATRE A

From Nobel Prize to technology, innovation and industrial competitiveness.

Launched in October 2013, the Graphene Flagship has been sailing for almost two years. Much has been achieved in this short time, yet it has only begun its voyage.

Come and join some of the experts from the Graphene Flagship in this panel discussion about research and innovation excellence, partnering mechanism, achievements and future outlook.

Share your thoughts

Graphene Focus encourages comments and questions from the audience prior to or during the event so here is your chance to address your questions directly to the experts.

Mark your tweets with #GrapheneFocus or send your questions to info@graphene-flagship.eu











WELCOME RECEPTION

MONDAY 22 JUNE, 20:00-21:30, MANCHESTER TOWN HALL

Participants are warmly invited to the welcome reception, provided by the City of Manchester. This get-together will be held at Manchester Town Hall, less than ten minutes walk from the University Place.



Town Hall, Albert Square Manchester Lancashire M60 2LA, UK (Second entrance on Lloyd street)







FRINGE SESSION

2D MATERIALS JOURNAL: PERSPECTIVE ON RECENT ADVANCES IN 2D MATERIALS

Vladimir Fal'ko and Byung Hee Hong

TUESDAY 23 JUNE, 13:00-14.00, THEATRE A

2D Materials (2DM), IOP Publishing's dedicated journal for all aspects of research on graphene and related 2D materials, presents its own fringe session at the Graphene Week 2015 'Perspectives on recent advances in 2D materials'.

Vladimir Fal'ko (Editor in Chief of 2D Materials) and Byung Hee Hong (Regional Editor, Asia) will offer their perspectives on key, recent advances in the research and commercial development of 2D materials.

Chaired by 2DM, audience members will have the opportunity to question our speakers during the session and hear their thoughts on the current state of the science in this fast-moving field.











FRINGE SESSION

BBC WORLD SERVICE: THE FORUM FLATWORDS: WHAT'S NEXT FOR 2D MATERIALS?

WEDNESDAY 24 JUNE 13:00-14:00, THEATRE A

Come and join some of the world's most eminent minds in this radio discussion about the future of single layer materials. Moderated by BBC Diplomatic Correspondent Bridget Kendall and recorded in Theatre A for broadcast on BBC World Service.

www.bbcworldservice.com/theforum

More than a thousand great minds have already taken part in the Forum, including over a dozen Nobel Prize laureates, and we hope you will join them. The Forum encourages comments from the audience during the recording so here is your chance to let the world hear your views on graphene.



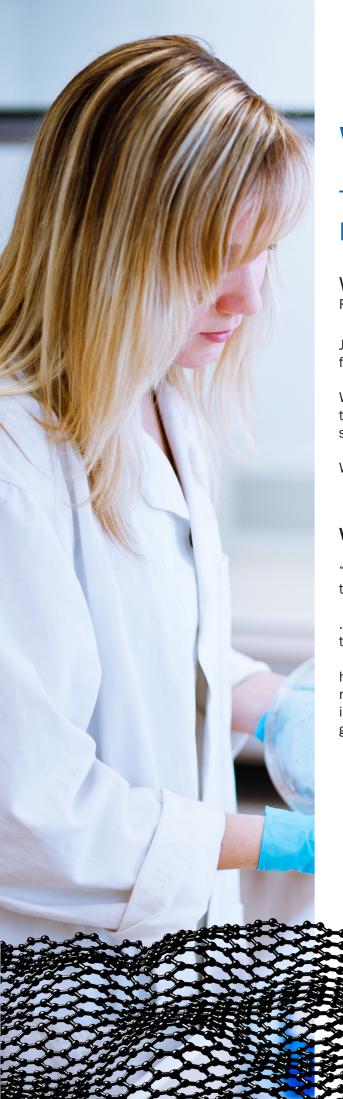
ADDRESS YOUR QUESTIONS TO:

@BBCTheForum theforum@bbc.co.uk











WOMEN IN GRAPHENE

THE LAUNCH OF THE GRAPHENE FLAGSHIP NETWORK

WEDNESDAY 24 JUNE, 17:30-19:30 ROOM ON 2ND FLOOR

Join us for some talks, discussions and mingle in an informal and friendly atmosphere. Everyone is welcome.

We will talk about life as a female scientist, introducing some of the scientists, backgrounds and experiences related to a woman's situation in working life.

Wine will be served during the event.

Women in Graphene will

"...give female researchers involved in the project the opportunity to discuss their research and the situation for women in the field"

...provide "an inventory of specific needs of female researchers in the partner countries"

have "...the goal to offer tailored actions to support female researchers within the Graphene Flagship and to reach out and inspire more women to become involved in science in general and graphene in particular."



TOURS OF THE JOHN RYLANDS LIBRARY

WEDNESDAY 24 JUNE 17:00–21:00 (last tour leaves at 20:30)

Discover more about the library's history, collections and architecture on an exclusive tour of its public and private areas.

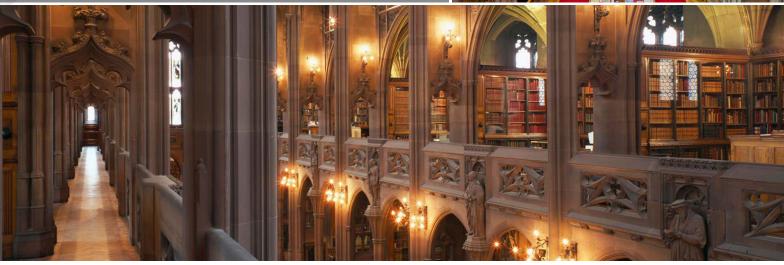
Experience the library after hours and hear the stories behind our iconic building. Our friendly and expert staff will take you on a guided tour of the spectacular Historic Reading Room, eerie cellars and original entrance hall before you visit 'Merchants of Print'; our leading exhibition which celebrates the legacy of Aldus Manutius (1449 – 1515), an Italian humanist scholar who founded the Aldine Press in Venice.

The John Rylands Library 150 Deansgate, Manchester, M3 3EH

- Free. Drop in
- Tours will last approximately 20-30 minutes
- Number one for things to do on <u>TripAdvisor</u>
- @TheJohnRylandsLibrary

For details on our events and exhibitions programme, visit: www.manchester.ac.uk/library/rylands









FRINGE SESSIONS

SARA LOWES PRESENTS GRAPHENE SUITE, LIVE

THURSDAY 25 JUNE, 13:00–14.00, THE MARTIN HARRIS CENTRE (BUILDING NO. 42 ON THE CAMPUS MAP)

In September last year, musician Sara Lowes was appointed 'composer in residence' at the National Graphene Institute at The University of Manchester. Her brief – to create a new piece of music that explores the relationship between science and music. After nine months of research, writing, experimentation and creativity, Sara's residency culminates at the end of June, coinciding with Graphene Week 2015. Here Sara will share and perform her full composition for the first time.

The composition Sara has created has six movements and includes an ensemble of 11 musicians when performed complete. Each movement reflects in some way Sara's time at the National Graphene Institute, and explores the commonalities between the two creative processes: composition and scientific discovery. Mixing different musical styles and nuances, the piece also pays tribute to the pioneering female composers and scientists of the past.

GRAPHENE IN NATURE JOURNALS: MEET THE EDITORS

THURSDAY 25 JUNE, 17:30–18:30, THEATRE A

Nature-branded journals continue to strive to publish the most significant advances in research on graphene and related 2D materials. We are on the look for novel findings whose importance can be appreciated not only by specialists in the field, but also by a broader audience of scientists in the natural sciences and related disciplines. The explosive growth of the field over the past decade and the evolving publishing land-scape have changed the type and volume of submissions received, and subsequently the editorial criteria.

Editors from Nature Materials, Nature Nanotechnology and Nature Physics will be present at this session and will give insight in the editorial process at Nature journals, as well as their views on current trends in publishing in Nature journals. They will answer questions on publishing graphene papers in Nature journals in an informal setting. Everyone is welcome to attend.









CONFERENCE DINNER

THURSDAY 25 JUNE, 20:00-00:30, old trafford

The conference dinner will be held at the Manchester United Football Stadium. The evening programme includes a welcome drink at the museum, visit to the stadium and a quiz competition. All participants are invited to join at 20:00 on 25 June.



TRANSFER TO THE VENUE

Chartered busses to the venue leaving at 19:30 from Brunswick street.

Manchester United

Sir Matt Busby Way, Old Trafford

Manchester, M16 ORA - N1 Entrance (follow signs to the Museum)

Map & Directions

LEAVING THE VENUE

Bus transfer back to Manchester University Place is available from 23:45 to 01:00 (Busses leaving every 15 minutes). The venue is situated at a five minutes walk from Old Trafford station (metrolink) but you may also take a taxi from the University Place.

Tax

Manchester University Place: 10 minutes - under £10 Manchester Airport: 20 minutes - under £20* PICCADILLY STATION: 15 minutes - under £10*

Public transport

The Metrolink service operates a frequent service from the City Centre (including Victoria & Piccadilly Stations) to Old Trafford station which is situated within a five minute walk of the football ground.

*Estimated prices and journey time dependant on traffic. Please check with the driver before travellin





INTRODUCING GRAPHENE WEEK 2016

13-17 JUNE 2016

From Manchester to Warsaw, the 11th edition of the international conference, Graphene Week will be held at the University of Warsaw, Poland.

Originating from 2006, Graphene Week has a long history of creating Europe's most influential conference on graphene and related two-dimensional materials by bringing together international key experts and professionals from all around the world.

Up until now, Graphene Week has been staged in various locations across Europe. In 2014, the conference was sold out, which brought together over 450 professionals from 35 countries in Gothenburg, Sweden. At Graphene Week 2015, history is repeated with over 600 professionals from 37 countries.

Graphene Week 2016 will be held in the capital of Poland on the main campus of the University of Warsaw, the largest and one of the oldest academic institutions in the country. Founded in 1816, it has 49,000 students

including 3,170 PhD students and 7,000 academic staff. The university is nestled in the heart of the city's historic area on Krakowskie Przedmiescie Street, part of the Royal Route, one of the most beautiful places in Warsaw, near the Old Town, the Royal Castle and the National Theatre.

Yours sincerely, **Dr Wlodek Strupinski**Institute of Electronic Material Technology
Conference Chair 2016













GRAPHENE STUDY 2016

DISCOVER THE VAST AREA OF THE TWO-DIMENSIONAL WORLD



Graphene Study aims to foster the next generation of researchers working at the forefront of graphene and related two-dimensional materials. The school brings together young researchers with experienced scientists and engineers from academia and industry throughout Europe.

Graphene Study combines formal lectures and workshops by key experts with poster sessions and networking opportunities, providing each participant a tailored learning experience.

Graphene Study 2016 will focus on four closely related topics:

- Energy applications
- Biomedicine
- Membranes
- Sensors

Graphene Study is open for everybody. Read more on graphene-flagship.eu





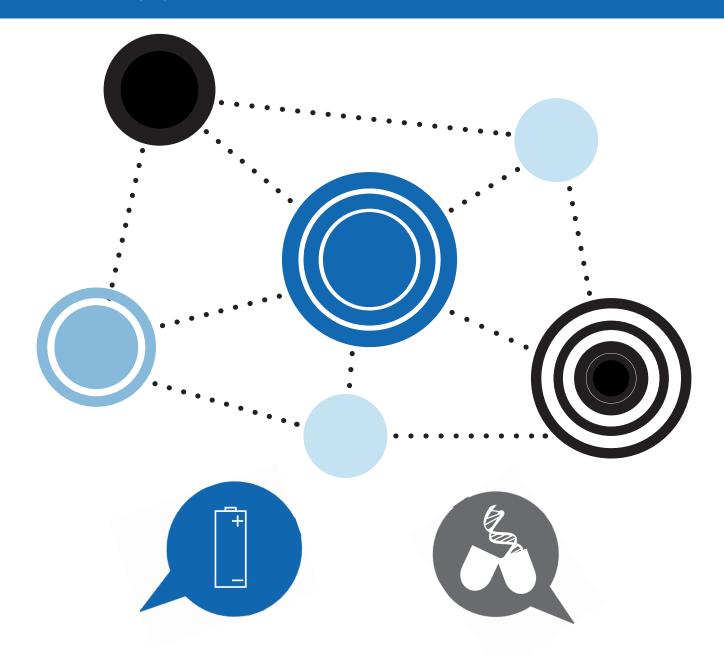




GRAPHENE CONNECT

INDUSTRIAL WORKSHOP SERIES

Graphene Connect brings together companies and researchers with a common interest in graphene and related two-dimensional materials. The aim is to create an arena for academia and industry to interact, exchange knowledge and identify new innovation projects.



Read more about upcoming workshops on graphene-flagship.eu







