

The 4th Graphene Flagship EU-China Workshop on Graphene and related 2D materials
Online event

5 November 2021

8:30 a.m. – 1:00 p.m. CET (Paris, Brussels time)

3:30 p.m. – 8:00 p.m. CST (China Standard Time; Beijing time)

Workshop chairs: Prof. Jari Kinaret (Sweden) and Prof. Hong-Jun Gao (China)

Programme chairs: Prof. Xinliang Feng (Germany), Prof. Francesco Bonaccorso (Italy) and Prof. Shixuan Du (China)

November 5th, 2021 <i>Online event</i>			
CET (EU)	CST (China)		
08:30-	15:30-	Welcome and Introduction <i>Welcome from Prof. Xinliang Feng and Prof. Shixuan Du</i> <i>Introduction: Prof. Jari Kinaret – Graphene Flagship update</i> <i>Prof. Hong-Jun Gao – China Academy of Science update</i>	
<i>Chair: Xinliang Feng</i>			
08:50-	15:50-	<i>Andrea Ferrari</i>	Layered Quantum Materials and Applications
09:10-	16:10-	<i>Guangyu Zhang</i>	Monolayer MoS ₂ for large scale electronics
09:30-	16:30-	<i>Frank Koppens</i>	TBC
09:50 -	16:50-	<i>Yuanbo Zhang</i>	Quantum anomalous Hall effect in intrinsic magnetic topological insulator MnBi ₂ Te ₄
10:10 -	17:10-	<i>Stephan Roche</i>	The Universe of Disordered and Amorphous Two-dimensional Materials: Scientific Challenges & Technology Opportunities
10:30-	17:30-	15 min. break	
10:45	17:45		
<i>Chair: Shixuan Du</i>			
10:45-	17:45-	<i>Kaihui Liu</i>	Designed Growth and Applications of Meter-sized 2D Single Crystals
11:05-	18:05-	<i>Gianluca Fiori</i>	Two-dimensional materials for printable and wearable applications
11:25-	18:25-	<i>Wencai Ren</i>	Discovery of layered 2D MoSi ₂ N ₄ family
11:45-	18:45-	<i>Paolo Samori</i>	Multi-responsive and high-performance 2D materials based opto-electronic devices

12:05-	19:05-	<i>Lihong Bao</i>	Atomically Sharp Interface of van der Waals Heterostructures Enabled High-performance Electronic Devices
12:25-	19:25-	Final discussion	
13:00	20:00	Closing	

List of speakers

Title	First name	Last name	Institution	Country
Ass. Prof.	Lihong	Bao	Institute of Physics, Chinese Academy of Sciences (CAS)	China
Prof.	Francesco	Bonaccorso	BeDimensional	Italy
Prof.	Shixuan	Du	Institute of Physics, Chinese Academy of Sciences	China
Prof.	Xinliang	Feng	Technical University of Dresden	Germany
Prof.	Andrea	Ferrari	University of Cambridge	United Kingdom
Ass. Prof.	Gianluca	Fiori	University of Pisa	Italy
Prof.	Hong-Jun	Gao	Institute of Physics, Chinese Academy of Sciences	China
Prof.	Jari	Kinaret	Chalmers University	Sweden
Prof.	Frank	Koppens	Institute of Photonic Sciences (ICFO)	Spain
Prof.	Kaihui	Liu	Peking University	China
Prof.	Wencai	Ren	Institute of Metal Research, Chinese Academy of Sciences (CAS)	China
Prof.	Stephan	Roche	ICREA & Catalan Institute of Nanoscience and Nanotechnology (ICN2)	Spain
Prof.	Paolo	Samorì	University of Strasbourg	France
Prof.	Guangyu	Zhang	Institute of Physics, Chinese Academy of Sciences (CAS)	China
Prof.	Yuanbo	Zhang	Fudan University	China