

The 7th Graphene Flagship EU-US Workshop on Graphene and related 2D materials

Programme

9 September 2022

BMW Welt, Munich, Germany



Workshop chairs: Vladimir Falko (Manchester University, UK), Klaus Ensslin (ETH, Switzerland), Joshua Robinson (Pennsylvania State University, US), Mauricio Terrones (Pennsylvania State University, US)

11:15 – 12:45	Plenary session EU-US workshop (open to all Graphene Week conference participants) – Auditorium <i>Chair: Camilla Coletti</i>	
11:15	Jairo Velasco	Giant Orbital Magnetic Moments in Trilayer and Monolayer Graphene
11:35	Mauricio Terrones	Defects in 2D materials: From Magnetism to Catalysis and Bioapplications
11:55	Klaus Ensslin	Quantum devices in graphene
12:15	Dmitri Efetov	Transport studies of magic angle twisted bilayer graphene
12:45 – 13:30	Lunch	
13:30 – 16:00	Afternoon session EU-US workshop (workshop delegates only) <i>Chair: Mauricio Terrones</i>	
13:30	Deep Jariwala	Two-Dimensional Semiconductors for Low-Power Logic and Memory
13:45	Chun Ning (Jeanie) Lau	Two-Dimensional Semiconductors and Superconductors
14:00	Camilla Coletti	Twisted bilayer and few-layer rhombohedral graphene via chemical vapor deposition
14:15	Christoph Stampfer	Making bilayer graphene ready for spin and valley qubits
14:30 – 15:30	Discussion on common challenges and collaborations Moderators: Klaus Ensslin and Mauricio Terrones	
15:30	Coffee break	
16:00	Workshop ends	

Venue



BMW Welt – Graphene Week 2022 conference

Am Olympiapark 1
80809 München
Germany

<https://graphene-flagship.eu/events/us-eu-workshop-2022/>

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<https://www.bmw-welt.com/en.html>