



2D-PRINTABLE & HYPERSONIC Symposium

31st March 2026

“2D materials on demand for digital electronics”

Naughton Institute, Dublin, Ireland

Time (GMT)	Topic	Presenter & Title
9.00 – 09:15	<i>Welcome & Opening</i>	
9.15 – 10:00	Invited talk – SAFARI	Dr. Diana Marcano , “Advancing Applications via Sustainable by Design MXenes: The SAFARI Project's Green and Upscaled Synthesis”
10:00 – 10:20	2D-PRINTABLE – TCD	Jonathan Coleman , “2D materials for printed electronics applications”
10:20 – 10:40	2D-PRINTABLE – EPFL	Binbin Liu and Nicola Marzari , “Vibrational and optical characterization of novel 2D monolayers”
10:40 – 11:00	2D-PRINTABLE – UniBw M	Georg Düsberg , “Characterisation of Electronic devices with 2D materials”
11:00 – 11:25	<i>Coffee Break</i>	
11:25 – 11:45	2D-PRINTABLE – UKa	Claudia Backes , “Prospects and challenges of exfoliation in liquids”
11:45 – 12:05	2D-PRINTABLE – TUD	Ali Shaygan Nia , “Scalable Wet Chemistry Routes to Two Dimensional Materials for Energy Storage and Electronics”
12:05 – 12:25	2D-PRINTABLE – VSCHT	Zdenek Sofer , “Crystal growth of 2D materials”
12:25 – 13:10	Invited talk – UNIP	Prof. Gianluca Fiori , “Perspectives and challenges of 2D materials for printable and flexible electronics”
13:10 – 14:10	<i>Lunch Break</i>	
14:10 – 14:30	HYPERSONIC – UNISTRA	Paolo Samori , “2D-materials based pressure sensors”
14:30 – 14:50	HYPERSONIC – UCAM	Fatemeh Khorramshahi , “High-Performance Fully Solid-State WS ₂ Field-Effect Transistors from Electrochemically Exfoliated Nanosheets”
14:50 – 15:10	HYPERSONIC – UANTWERPEN	Maria Batuk , “Advanced transmission electron microscopy characterisation of 2D TMDs”
15:10 – 15:30	HYPERSONIC – UMONS	Sayandeep Ghosh , “Tuning 2D Nanosheet Networks by Molecular Design: Vacancy Passivation in FePS ₃ and Solvent Doping in MoS ₂ ”
15:30 – 16:15	Invited talk – ARMS	Matti Mäntysalo
16:30 – 17:30	<i>Wine Reception</i>	
17:30 – 18:30	Panel discussion	Panel Discussion: 2D Materials: Policy and Industry Perspectives Facilitator: Diana Marcano, SAFARI Colin Forster, mSemicon Francesco Bonaccorso, BeDimensional Niall McEvoy, Research Ireland Gianluca Fiori, UNIP
18.30-19.00	<i>Wine Reception</i>	
19.30	<i>Consortium Dinner @ Millstone Restaurant</i>	

