MIP: 2DCC at Penn State University, DMR-1539916

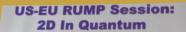
Graphene and Beyond Workshop: 2016-2019 Summary

Education and Outreach - 2019

The 2DCC completed its 4th year of sponsorship of the Graphene and Beyond Workshop. To date, >650 individuals from academia, government and industry across all career levels have attended. The 2DCC has broadened participation by sponsoring travel and registration for dozens of users and potential users particular from MSIs and PUIs. The workshop enhances community synergy toward a strong future in 2D crystal science and technology. The workshop consists of tutorials and research talks focused on 2D material synthesis, properties, theory and optic/electronics as well as recent results from the 2DCC and facilitated discussion on commercialization opportunities for 2D materials.

In 2019, the 2DCC partnered with the 5th annual US/EU 2D Materials Workshop for a joint workshop that included speakers from across the globe including the Graphene Flagship.

Joshua Robinson, Mauricio Terrones (Penn State)



What unique properties of 2D Materials qualify them for quantum technologies, and are these properties better than what we already have?

What challenges exist toward achieving a real scientific/technological impact and how can we turn them into opportunities?

Are there avenues for US/EU partnerships that can address the challenges for 2D in quantum technologies?







2DCC-MIP