Posters 1

Behrouz Arash & Shadab Zakavati	**Atomistically-informed phase-field fracture modeling of defective graphenes**
Alex Armstrong	**A density functional theory investigation into the origin of p-type doping in MoS2 via Ultraviolet-Ozone Treatment**
Laric Bobzien	**An Ultrafast STM Probing the Dynamics at Single Defects in 2D Materials**
Minh Bui	**Optical properties of monolayer MoSe2 irradiated with ultra-low energy Cr ions**
Thuy An Bui	**Creation of single vacancies in hBN with electron irradiation**
Carlos Campos	**Microstructural characterization of highly-disordered nanocrystalline Transition-Metal Chalcogenides prepared by mechanochemical synthesis**
Leon Daniel	**Ion induced defects in two-dimensional tungsten diselenide boron nitride heterostructure**
Francis Davies	**Interface Defect Engineering and Morphological Control of Lateral 2d Heterostructures**
Lysander Huberich	**Charge-dependent symmetry breaking in Rhenium-doped MoS2**
Daniel Jansen	**Local creation of point defects in two-dimensional MoS2**
Wael Joudi	**Correlated AFM/STEM study on the Mechanical Stiffness of Defect-Engineered Graphene**
Osamah Kharsah	**Niobium Doping-Induced Ambipolar Transport in Molybdenum Disulfide for Optoelectronic Devices**
Marko Kriegel	**Competing Processes as Quality Limitation: New Insights into Microscopic Growth Mechanism of Hexagonal Boron Nitride on Ir(111)**
Anand Kumar	**Fabrication and Polarization Dynamics Single Photon Emitters in Hexagonal Boron Nitride**
Prosun Santra	**Effects of tensile strain on the formaiton energy of point defcts in 2D h-BN**