



MIT-MTL GaN Energy Initiative Annual Review

Wednesday, December 21st, 2016

Grier Room 34-401B

8:45am-1:30pm

MEETING AGENDA

8:45-9:15 Registration and Breakfast

9:20-9:30 Prof. Tomás Palacios: **Welcoming Remarks**

9:30-10:00 Prof. Jeehwan Kim: **Recent progress on dislocation-free GaN on graphene and future directions**

10:00-10:30 Dr. Gabriele Grosso (Prof. Dirk Englund's Group): **Atomic Color Centers in Wide-Bandgap Semiconductors**

10:30-10:45 Break

10:45-11:15 Prof. Ruonan Han: **Highly-Scalable 2D Radiator Structures for 1-THz Signal Generation and Beam-Steering Imager**

11:15-11:45 Dr. Ujwal Radhakrishna (Prof. Dimitri Antoniadis's Group): **Linear Performance of GaN HEMT Technology: Modeling, Analysis and Improvement Techniques**

11:45-12:15 Mr. Kevin Bagnall (Prof. Evelyn Wang's Group): **Electro-thermo-mechanical characterization of GaN HEMTs via micro-Raman spectroscopy**

12:30-1:30 Lunch and feedback