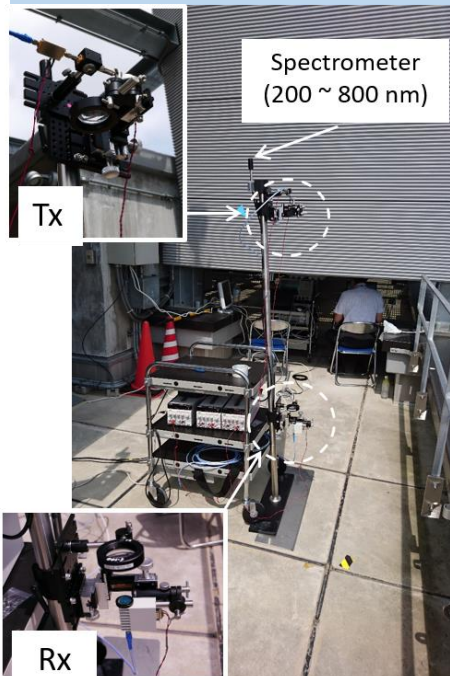


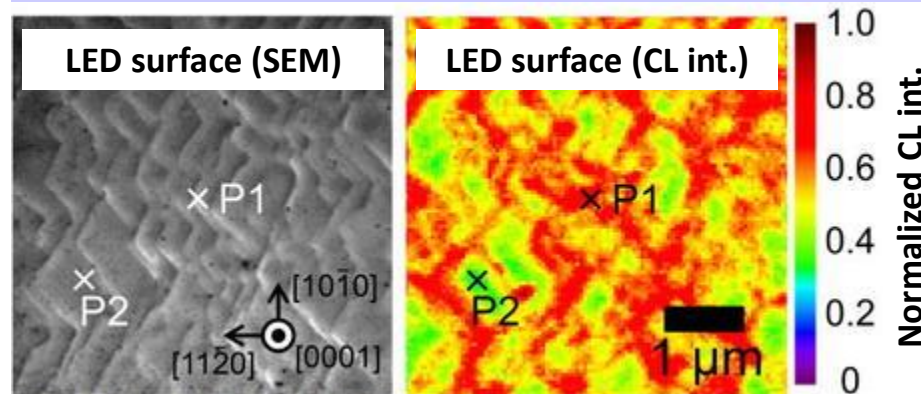


Our research interests are centered on optical materials, especially wide bandgap semiconductors, with the aim of seeking and creating singular characteristics, device structures, and systems. Specifically, we are developing a Gbps-class DUV LED OWC system for 6G and a unique technology for characterization of semiconductors (ODPL spectroscopy). We continue to create innovative solutions through our integrated R&D process (from basic research to application and production).

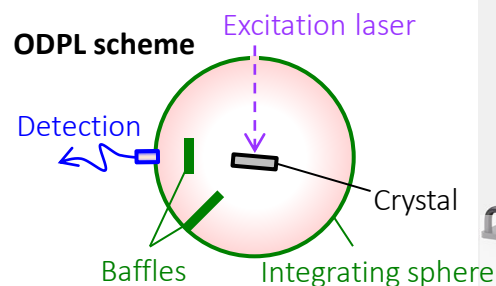
Gbps-class solar-blind DUV LED OWC system



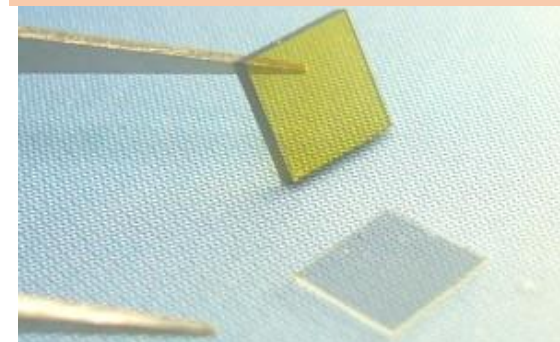
Characterization of DUV LEDs



IQE characterization based on ODPL spectroscopy



Diamond as a semiconductor crystal



Photoemission spectroscopy for surface science

