



Kenneth Chau

Associate Professor

School of Engineering, UBC Okanagan

Phone: 250-807-8646

Email: Kenneth.chau@ubc.ca

<http://engineering.ok.ubc.ca/faculty/kennethchau.html>

Research Theme

Electromagnetic and Nanoscale Materials and Manufacturing (ENMM)

Research Areas

- Nanotechnology
- Metamaterials and plasmonics
- Optical forces
- Daylighting
- Photorealistic simulation and visualization

Research Facilities/Tools

- Scanning electron microscopy
- Nanofabrication tools, including physical vapour deposition and thin film characterization.
- Optical characterization (integrating sphere, spectroscopic measurements)
- FDTD/FDFD electromagnetic modelling
- Lighting and energy simulation software (Radiance)
- Photorealistic modelling (Unreal)

