



Frank Ko

Professor (CRC Tier 1)

Department of Materials Engineering, UBC Vancouver

Phone: 604-822-2738

Email: frank.ko@ubc.ca

<http://afml.mtrl.ubc.ca/>; <http://www.ampel.ubc.ca/>

Research Theme

Aerospace and transportation materials and manufacturing

Research Areas

- Textile structural composites
- Nanofiber technology
- Biomaterials
- E-textiles
- Mechanics of fibrous assemblies

Research Facilities/Tools

- Lab/Pilot scale single/multiple needle electrospinning systems
- Needleless electrospinning system
- Meltblown spinning system
- Advanced textile laboratory – equipped with 2D, 3D braiding machine; knitting and weaving machines
- 3D printers
- High temperature furnaces (tube, flat)
- Mechanical properties characterization systems (nano fibre to macrostructures)

