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Research Theme

Polymer and Natural Materials and Manufacturing (PNMM)

Research Areas

- Liquid crystals and nanomaterials
- Multiphase flow
- Biofluid Mechanics
- Non-Newtonian Fluid Mechanics
- Computational Fluid Dynamics
- Rheology and Tribology
- Lubricants

Research Facilities/Tools

- Rotational Rheometer - Kinexus
- Capillary rheometer
- Tribometer pin on disk - Nanovea
- Cylindrical tribometer
- Numerical simulation and optimization tools
- Modular *in vitro* benchtop system for cardiovascular flow

