

Victor A. Pryamitsyn, Senior Research Associate

- **Expertise:** Theoretical physics of polymers and soft matter physics

Lines of research: Theory and computer simulation of soft condensed matter.

- Interactions and complexation between nanoparticles and polymers/polyelectrolytes
- structure and rheology of colloids and polymer (copolymers) nanocomposites and suspensions
- Dynamical properties and self-assembly of polymers/copolymers, theory of glass transition in heterogeneous systems
- Ions transport theories and modelling for polymer/copolymer/PNC membranes for fuel cells/batteries applications
- Phenomenological theory for an anisotropic charge/exciton transport in organic photovoltaic devices

