NAMIS
International Research Group

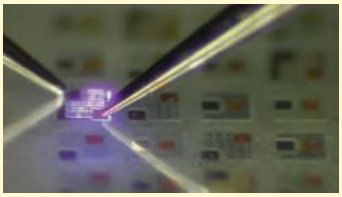
Regroupement québécois sur les matériaux de pointe (RQMP)

Staff: **90 researchers, professors, lecturers, engineers and technicians**
370 PhD students, post-docs and temporary staff

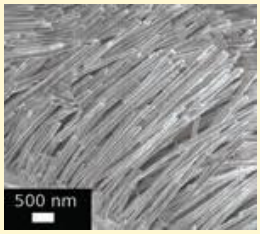
Research fields:

1. **Electronics and photonics of nanostructured materials,**
2. **Magnetism in material and systems,**
3. **Quantum properties of materials,**
4. **Advanced characterization and fabrication of novel materials,**
5. **Properties of technological materials**

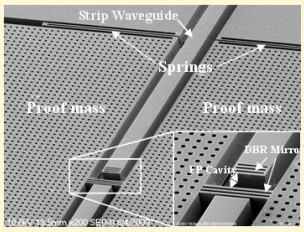
Created in 2003, the "Regroupement québécois sur les matériaux de pointe" (RQMP) brings together Quebec's three principal research centers in physics and the technology of materials: the Center for the Physics of Materials (CPM) of McGill University, the Thin Film Physics and Technology Research Center (GCM) at University of Montreal and Ecole Polytechnique de Montreal and the "Centre de recherche sur les propriétés électroniques des matériaux avancés" (CERPEMA) at Sherbrooke University.



Blue LED dies under test



Side view of a nanowire array after dissolution of the alumina matrix



Optical accelerometer

Infrastructure

Located on three university campuses, these infrastructures are accessible to users from the industry.
Four categories of infrastructures cover all aspects of the research and development of novel materials:

- Materials synthesis and modification
- Micro- and nanofabrication
- Characterization and microanalysis
- High-performance computing

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