

## Research at the Université de Sherbrooke Faculty of Engineering

<b>NSERC Industrial Research Chairs</b>	<b>Professor in charge</b>
NSERC Industrial Research Chair in Concrete Structure Analysis (Civil Engineering)	Gérard Ballivy
NSERC Industrial Research Chair in Innovative Fibre Reinforced Polymer (FRP) Composite Materials for Infrastructure (Civil Engineering)	Brahim Benmokrane
NSERC Industrial Research Chair on High-Performance Flowable Concrete with Adapted Rheology	Kamal H. Khayat
NSERC Hydro-Québec Chair in Industrial Energy Efficiency (Mechanical Engineering)	Nicolas Galanis
NSERC Industrial Research Chair in acoustics applied to aviation (Mechanical Engineering)	Noureddine Atalla Alain Berry Stéphane Moreau

<b>Canada Research Chairs</b>	<b>Professor in charge</b>
Canada Research Chair in Skeletal Reconstruction (Mechanical Engineering)	Gamal Baroud
Canada Research Chair on Bio-Hybrid Bio-Material Cellular Systems (Chemical Engineering and Biotechnological Engineering)	Nathalie Fauchoux
Canada Research Chair in Microfluidics and Power Systems (Mechanical Engineering)	Luc Fréchette
Canada Research Chair in Mobile Robotics and Autonomous Intelligent Systems (Electrical Engineering and Computer Engineering)	François Michaud
Canada Research Chair in Earthquake Engineering (Civil Engineering)	Patrick Paultre
Canada Research Chair in Quantum Semiconductors (Electrical Engineering and Computer Engineering)	Jan Dubowski
Research Chair in Innovative Composite Materials Used in Civil Engineering Structures	Brahim Benmokrane

<b>Private Research Chairs</b>	<b>Professor in charge</b>
Research Chair for Design of Medical Imaging Instrumentation (Electrical Engineering and Computer Engineering)	Réjean Fontaine
SAQ Research Chair in Glass Processing (Civil Engineering)	Arezki Tagnit-Hamou
Chaire Hydro-Québec /RTE - Structures et mécaniques des lignes de transport d'énergie électrique	Frédéric Legeron
Wyeth Research Chair on Process Analysis Technologies in Pharmaceutical Engineering (Chemical Engineering and Biotechnological Engineering)	Nicolas Abatzoglou
Industrial Research Chair on Cellulosic Ethanol (Chemical Engineering and Biotechnological Engineering)	Jean-Michel Lavoie Co-chairholder: Esteban Chornet

Research centres - Fonds québécois de la recherche sur la nature et les technologies (FORNT) [Québec fund for nature and technology research]	Professors in charge
Biorecognition and Biosensor Centre (CBB)	Vincent Aimez Paul Charette
Plant Improvement Centre (SEVE)	Joël Sirois
Centre de recherche en plasturgie et composites [Plastics processing and composites research centre](CREBEC)	Brahim Benmokrane
Centre de recherche sur les Infrastructures de béton (CRIB) [Reinforced concrete infrastructures research centre]	Richard Gagné Gérard Ballivy Brahim Benmokrane Kamal H. Khayat Radhouane Masmoudi Patrice Rivard Arezki Tagnit-Hamou
Plasma-Québec, Université de Sherbrooke section	François Gitzhofer Pierre Proulx Jan Dubowski
Centre d'étude interuniversitaire des structures sous charges extrêmes (CEISCE) [Centre for interuniversity studies of structures under extreme loads]	Patrick Paultre
REGAL- Regroupement Aluminium : Centre de recherche sur l'aluminium [REGAL -Aluminum Group aluminum research centre], Sherbrooke section	Alain Desrochers Kenneth Neale Raymond Panneton Pierre Proulx Gervais Soucy
Advanced Communications Systems and Technologies Centre (SYTACOM)	Roch Lefebvre
Québec Cluster on Advanced Materials (RQMP)	Vincent Aimez Richard Ares Jacques Beauvais François Boone Serge Charlebois Dominique Drouin Jan dubowski

Instituts de recherche	
Centre d'excellence en génie de l'information (GEGI) [Centre of excellence for computer engineering]	François Michaud
Centre de recherche en nanofabrication et nanocaractérisation (CRN2) [Nanomanufacturing and nanocharacterization research centre]	Vincent Aimez

<b>Réseaux des centres d'excellence</b>	
Mathematics of Information Technologies and Complex Systems (MITACS)	Soumaya Cherkaoui
Canadian Institute for Photonic Innovations (ICIP)	Vincent aimes Yves Bérubé-Lauzière Patrice Masson Jan Dubowski Alain Houle

<b>Centres de recherche PIFIC (Programme interne de financement d'infrastructure des centres)</b>	
Centre d'excellence en génie de l'information ( GEGI)[Centre of excellence for computer engineering]	François Michaud
Centre d'innovation radicale de l'Université de Sherbrooke (CIRUS) [Université de Sherbrooke radical innovation centre]	Denis Rancourt
Centre de recherche en énergie, plasma et électrochimie (CREPE) [Energy, plasma and electrochemistry research centre]	François Gitzhofer
Centre de recherche en génie parasismique et en dynamique des structures (CRGP) [Earthquake engineering and structural dynamics research centre]	Patrick Paultre
Centre de recherche sur les infrastructures en béton (CRIB) [Reinforced concrete infrastructures research centre]	Kamal H. Khayat
Centre : Groupe d'Acoustique et Vibrations de l'Université de Sherbrooke (GAUS) [Centre: Université de Sherbrooke acoustics and vibrations group]	Patrice Masson

<b>Centres de recherche PIFIÉ (Programme interne de financement d'infrastructure des équipes de recherche)</b>	
Research Team on Production of Active Principles	Joël Sirois
Équipe de recherche sur le développement des technologies avancées de traitement des eaux usées [Research team for advanced wastewater treatment technology development]	Roland Leduc