

## MEMEBER QUEBEC ENGINEER GROUP

### WORK EXPERTISE RELATED TO ENVIRONMENT

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- Environment tech**
- 2013 - 2014 *Groupe Conseil Fillion, Jonquière, Quebec, Canada*
- Continuous monitoring water and gas emissions
  - Programming robot for continuous monitoring gas and water sampling
  - Expertise regarding exceeding level events toxic gas, heavy metal, oils in water
  - Report writing
- Contract teaching**
- 2013 *Chicoutimi college, Chicoutimi Quebec Canada*
- 2011 - 2012 *University Chicoutimi UQAC, Chicoutimi Canada*
- Prepare the course environmental engineering
  - Choose books relevant to the course
  - Prepare and teach
  - Conceive exams, homeworks and laboratories
- Project manager for GreenHouseGas GHG monitoring**
- 2012 *Eureka, Chicoutimi Canada*
- Prepare written inventory report for GHG emissions in industries
  - Conceived projects to reduce GHG emissions
  - Recommendations for reducing level of GHG emissions (ISO 14064-1 et ISO 14064-2)

### RUBBER CHEMISTRY EXPERTISE

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- Chimist / Lab management**
- 2007 *Vehance Technology, Québec Canada*
- 2001 - 2005 *Soucy Techno inc., Sherbrooke Canada*
- 1991 - 2001 *Mondo America inc., Laval Canada*
- 1986 - 1989 *Metka Perma-Flex inc., Montréal Canada*
- Conceived mixing sequence, sizing and parameters for banbury F270, IID, 3D
  - QC monitoring various testing
  - Implementation (ISO 9001)
  - Prepare recipes and all relevant testing for all productions steps including mixing, calendaring
  - Improve rubber for various aspects (dynamic, static applications)
  - Market development
  - Technical ressource
  - MSDS and tech data sheet of rubber
  - Residual chemicals and rubbers management
  - Insure satisfaction of customer
  - Supervise working project team

### Some achievements

- Increase forth time durability of military and industrial rubber tracks and reducing two folds down time, rubber scraps
- Optimize rubber, oil, chemicals recycling in process
- Continuous improvements related to rubber
- Teaching various aspects of rubber, safety related to nitrosamine, silica dust

1989 - 1990 **Production manager for polyurethane foam production**  
*Carpenter USA, Elkhart INDIANA*

- Laboratory and production management
- Incoming trucks and tanks cars inventory management
- Supervision process and hourly employees
- Maintenance planning shutdown and fixing pumps, mix heads, throws, calibrations

## ACADEMY BACKGROUND

FEB 2015

**CERRITOS CALIFORNIA RUBBER DIVISION COURSES**  
**HOW TO IMPROVE RUBBER COMPOUNDS**  
**COMPOUNDING AND TESTING FOR PERFORMANCE**  
**RAW MATERIALS SUPPLY CHAIN FOR RUBBER PRODUCTS**

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2013 **GreenHouseGas monitoring and reporting**  
*University of Chicoutimi UQAC, Chicoutimi Canada*

2010 **MA Environement – geomatic research**  
*University of Sherbrooke, Sherbrooke Quebec Canada*

1986 **Chem engineer degree B.S.**  
*Polytechnic school of Montreal, Montreal, Quebec, Canada*

### SOME COMPUTER AWARENESS

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- Microsoft powerpoint, word, excel
- ArcGIS geomatic software
- MATLAB software programming

### VOLUNTEERING

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2012-2014 **French interpreter for team USA cycling team**  
*Saguenay professional cycling cup, Saguenay, Quebec, Canada*

2011 – 2012-  
2013-2014 **Judging college student in various projects (EXPO science)**  
*Expo-Sciences Saguenay–Lac-Saint-Jean, Chicoutimi*

**ROBIN FORTIER**

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**REFERENCE**

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- **Bruno Simard président de Multitech ex-client 2012 418-546-0000**
- **Jasminka Lukovic ex-client 2005 226-338-9372 ou 519-576-5565 ext 3094**
- **Jacques Champagnes ex GENERAL MANAGER AT MONDO AMERICA 1991-2000 514-830-0366**

Les références vous seront communiquées sur demande.