

## **Research Engineer - Process Control**

**Pointe-Claire, Qc**

### **About FPInnovations**

FPInnovations is among the world's largest private, non-profit research centers working in forest research. The organization helps the Canadian forest industry to develop path breaking solutions based on the unique attributes of Canada's forest resources, favoring a sustainable development approach and taking full advantage of the industry's considerable scientific, technological and commercial capital.

### **Description**

FPInnovations is currently working on various projects related to process control/automation/optimization of the operations in the forestry and forest-based biomaterial and bio refinery industries. Working with a senior engineer/scientist, the incumbent will work on developing process control/optimization strategy, data collection/analysis, and some programming if required.

### **Qualifications**

- MSc. or Ph.D. degree in Electrical or Chemical Engineering;
- 1-3 years working experience in the related field is considered an asset;
- Good knowledge of dynamic systems (input/output and state space) and process control (basic PID, predictive control, robust control, adaptive control);
- Good knowledge of the Microsoft .Net languages (VB.Net, C#), and Matlab. Working knowledge of R considered an asset;
- Good knowledge of descriptive statistics and probability theory. Basic understanding of stochastic processes considered an asset;
- Basic understanding of digital imagery and image processing;
- Good written and verbal communication skills with high standards for quality in English. French is considered an asset.

**Please submit your resume to:**

[Recruitment \[recrutement@fpinnovations.ca\]\(mailto:recrutement@fpinnovations.ca\)](mailto:recrutement@fpinnovations.ca)

**IMPORTANT: please indicate Reference no. 553 on the subject line.**