

JOB POSTING

Post-Doctoral Research Fellow - FPInnovations / Lakehead University

Location: Thunder Bay, Ontario

FPInnovations is the world's largest private forest research institute, with the goal of strengthening the Canadian forest sector's global competitiveness through research, knowledge transfer and implementation.

DESCRIPTION

Our Biorefinery Research Group, located in Thunder Bay, Ontario, is currently looking for a postdoctoral researcher with a strong background in the chemical modification of lignocellulosic materials to fill a contractual position within the group.

The contract is for a period of two years.

RESPONSIBILITIES

- Development of cost-effective and industrially-realistic reaction pathways
- Experimental set-up of chemical reactors
- Characterization and purification of the final reaction products
- Evaluation of the modified lignin's in various applications
- Preparation of internal reports as well as conference and journal publications

QUALIFICATIONS

- Recent Ph.D. in Organic, Polymer or Lignin Chemistry, Chemical Engineering or related field
- Good understanding of lignocellulosic materials, chemical modification and characterization of polymers
- Knowledge of organic chemistry and polymer characterization using DSC, TGA, GPC, BET, NMR (^1H , ^{13}C , and ^{31}P)
- A strong record of outstanding research and publication history
- Eligibility for an NSERC industrial R&D fellowship (IRDF) would be considered an asset

Interested candidates are invited to submit their resumes to Mei-Lin Yee

E-mail: mei-lin.yee@fpinnovations.ca

Posting expires: February 17, 2012

FPInnovations is an equal opportunity employer.