Research Associate in Haptic Mechanical Systems, Dynamics and Modelling and Simulation of Multibody Systems

The successful candidate is expected to carry out research work in the areas of haptic mechanical systems, dynamics and modelling and simulation of multibody systems. The candidate must have a Ph.D. degree in Mechanical Engineering with a specialization in Dynamics and Robotics. He/she must possess expertise in haptic systems, robotics and digital control of mechanical systems; have strong knowledge and background in dynamics, analytical mechanics, multibody system modelling and analysis. Having experience in human-robot interaction, rehabilitation robotics and/or human-robot interface design and force control would be favourable. Candidates should send electronically a cover letter, curriculum vitae, a list of publications and the contact information of two referees to the email address below.

Requirements and working conditions

Education level: University – Graduate, Ph.D. in Mechanical Engineering completed
Years of experience: Five (5) years of experience
Languages asked for:
- Spoken languages: French and English
- Written languages: French and English
Other languages or details: The candidate must speak English as McGill University is an Anglophone environment
Salary offered: According to experience: $24.19 - $34.19 per hour
Number of hours worked: 40
Various terms: This position is unionized; salary offered according to collective agreement. Project-based position. Benefits include, disability insurance, supplementary health and dental insurance and life insurance.
Job status: Casual or temporary
   - Full-time
   - Daytime
Length of the employment: Two (2) years
Job start date: 2016-12-15

Work Place

817, rue Sherbrooke Ouest
Montreal, Quebec
H3A 0C3

Communication

Contact’s name: Professor Jozsef Kövecses
Means of communication: Email: dept.mecheng@mcgill.ca