Postdoctoral fellowship position in Ultrasound Imaging and Image-guided Diagnosis, Queen's University, Canada

Position: Postdoctoral Fellow

Organization: School of Computing, Queen's University

Location: Kingston ON, Canada

Description: The School of Computing at Queen's University, Canada is seeking a Postdoctoral Fellow in the area of medical imaging, specifically ultrasound imaging, and image-guided diagnosis and intervention. The successful candidate will work in the area of enhanced cancer diagnosis using ultrasound imaging and cancer interventions using thermal ablation. Image-guided interventions are being established among essential components of many surgical and interventional procedures. The position will provide an opportunity to work closely with an inter-disciplinary team of engineers, computer-scientists as well as physicians at Kingston General Hospital. The work will also be conducted in collaboration with a commercial project partner. The initial appointment is for two years with possibility of an extension to the third year. Please send a copy of your CV and two recent publications as well as two recommendation letters to the attention of: Dr. Parvin Mousavi or Dr. Gabor Fichtinger as below.

Qualifications: A PhD in Electrical Engineering, Computer Science, Biomedical Engineering or any related field. PhD candidates close to graduation are highly encouraged to apply. Experience in one or more of the following areas is required: ultrasound imaging, RF data acquisition and analysis, elastography, speckle tracking, image processing, image-guided diagnosis and intervention, experimental design for image-guided diagnosis and intervention. Excellent programming skills are an asset. The applicants will be working in an interdisciplinary environment within a team; good communication skills are required.

Contact:

Dr. Parvin Mousavi, PhD
School of Computing
Queen's University
Kingston, ON K7P 3N6
pmousavi@cs.queensu.ca

Dr. Gabor Fichtinger, PhD
School of Computing
Queen's University
Kingston, ON K7P 3N6
gabor@cs.queensu.ca
Tel: +1 613 539 8721