Applications are invited for a postdoctoral fellowship position in the Department of Mathematics and Statistics at McMaster University. This fellowship provides an opportunity to engage in research in close collaboration with Dr. Protas and his group (more information available at http://www.math.mcmaster.ca/bprotas) with a limited amount of teaching. The focus of this industry-cofunded position will be research on mathematical and computational modelling of nonequilibrium electrochemical and thermodynamic processes occurring in Li-ion batteries. This position is intended for an applied mathematician interested in exploring a rapidly developing application area, or for a mathematically-minded chemist with a solid background in theoretical and computational chemistry. In either case, knowledge of multiscale modelling (especially homogenization), electrochemistry, PDEs and scientific computing will be an asset. This research project also involves close collaboration with chemists and material scientists as well as research scientists with our Industrial Partner. The duration of the position will be initially one year with extension for the second year contingent on satisfactory performance and availability of funding.

The fellowship is open to candidates of any nationality and selection will be based on the candidate's research potential and fit with Dr. Protas' research group. The fellowship starts on September 1, 2018 or earlier, and provides an annual stipend salary of $42,000 CAD. Candidates are required to apply for this fellowship by using the MathJobs website. We will begin reviewing applications on March 22, 2018. Applications received after this date will be accepted until the position is filled, but to ensure full consideration applicants are advised to submit all supporting materials by the above deadline.

Applicants should provide at least three letters of recommendation. Preferably these letters will be submitted through the MathJobs website (see above); they may also be sent directly to:

Dr. Bartosz Protas  
Department of Mathematics & Statistics  
McMaster University  
Hamilton, Ontario, CANADA L8S 4K1  
Email: bprotas@mcmaster.ca  
URL: www.math.mcmaster.ca/bprotas

We appreciate all replies to this advertisement, but only applicants under consideration will be contacted. McMaster University is strongly committed to employment equity within its community and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates including women, persons with disabilities, First Nations, Métis and Inuit persons, members of racialized communities and LGBTQ-identified persons. If you require any form of accommodation throughout the recruitment and selection procedure, please contact the Human Resources Service Centre at 905-525-9140 ext. 222-HR (22247).