

Postdoctoral research position in modelling and mining complex networks, Toronto Metropolitan University

Applications are invited for at least two postdoctoral fellows in **modelling and mining complex networks** in the Department of Mathematics at Toronto Metropolitan University (<http://math.torontomu.ca/>) to begin on September 1, 2023. The starting date is flexible.

The research will be led by Dr. Pawel Pralat but successful applicants will be able to work with other members of the Graphs at TMU research group (<https://www.torontomu.ca/graphs-group/>), including: Drs. Anthony Bonato, Peter Danziger, Michelle Delcourt, Dejan Delic, Konstantinos Georgiou, Pawel Pralat, and a number of other postdoctoral fellows. The topics include both theoretical aspects (asymptotic properties of random graphs and random processes) and practical ones (designing and implementing ML tools) of modelling and mining of complex networks.

This position provides an opportunity to engage in research in discrete mathematics, with a limited amount of teaching, and is suited for talented mathematicians who have recently completed their Ph.D. The salary is competitive (at least \$72k CAD per year), with funding provided for a year and with potential for renewal for a second year. The position is open to candidates of any nationality and selection will be based upon the candidate's research record and potential.

Applicants should provide a cover letter, curriculum vitae, and arrange three letters of recommendation. Applicants should apply no later than March 31, 2023, and the position will remain open until filled. Application material and reference letters should be submitted by e-mail to pralat@torontomu.ca

We appreciate all replies to this advertisement, but only applicants under consideration will be contacted. Toronto Metropolitan University welcomes those who have demonstrated a commitment to upholding the values of equity, diversity, and inclusion and will assist us to expand our capacity for diversity in the broadest sense. In addition, we encourage applications from members of groups that have been historically underserved, including First Nations, Metis and Inuit peoples, Indigenous peoples, racialized persons, persons with disabilities, and those who identify as women and/or 2SLGBTQ+.