

Assistant Professor

Ecole/Institution/Société:

McGill University, Canada / Montreal

Discipline:

Chemical Engineering

Type d'emploi::

Full-time

Date de publication:

2020-05-03

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Assistant Professor (Tenure-Track)

Job Title: Assistant Professor (Tenure-Track)

Department: Department of Chemical Engineering

Department Website: <https://mcgill.ca/chemeng/>

Institution: McGill University, Montreal, QC, Canada

Job Categories

- Assistant Professor

Academic Fields

- Chemical / Petroleum
- Engineering - Other

The Department of Chemical Engineering at McGill University invites applications for a tenure-track Assistant Professor position. The general area of expertise the candidate preferably has is Computational methods and AI-assisted design and optimization in chemical engineering.

The salary will be commensurate with experience and Assistant Professor position. McGill University is among the top research-intensive academic institutions in Canada, attracting over 500 million dollars in competitive research funding annually. It has been consistently ranked as one of the top 25 universities worldwide in a number of recent surveys.

The Department of Chemical Engineering has a long tradition of research and teaching excellence (more than 100 years), and currently has 18 dynamic Faculty members (www.mcgill.ca/chemeng). The successful candidate will play a leading role in maintaining McGill's international reputation of excellence in research, teaching and service.

We are particularly interested in the following area of expertise:

- Artificial Intelligence in Chemical Engineering: Research areas of interest include , but are not limited to expert systems and machine learning chemical engineering applications in areas

such as sustainable material processing and design, complex energy and materials flows, fault detection and risk analysis , chemical process design , process modelling and optimization, autonomous intelligent control, integration of AI technology with chemical processes, and hybrid integrated modelling based on first principles and AI.

- The Department is committed to excellence in teaching in its undergraduate and graduate programs in Chemical Engineering and values service contributions of its Faculty members to the University, the profession and society at large.
- Candidates must have a Ph.D. preferable in Chemical Engineering, and a bachelor's degree in Chemical Engineering. Evidence of outstanding research achievements, or research potential, is paramount. Successful candidates will have a strong commitment to the mission of the University, through outstanding activities in the areas of research, teaching and service. The successful candidate should either hold a license to practice engineering in one of the Canadian provinces, or be eligible for licensure.

Interested candidates should submit, ideally by email, an application dossier which includes the following: a statement of teaching and research interests, names and addresses of three referees and copies of selected recent publications to:

Professor Alejandro D. Rey, Chair of Faculty Search Committee

Chair of Faculty Search Committee

info.chemeng@mcgill.ca

Please reference the source of the ad when applying for, or inquiring about, this job announcement

EEO/AA Policy

McGill University is committed to equity and diversity within its community and values academic rigour and excellence. We welcome and encourage applications from racialized persons/visible minorities, women, Indigenous persons, persons with disabilities, ethnic minorities, and persons of minority sexual orientations and gender identities, as well as from all qualified candidates with the skills and knowledge to engage productively with diverse communities.

At McGill, research that reflects diverse intellectual traditions, methodologies, and modes of dissemination and translation is valued and encouraged. Candidates are invited to demonstrate their research impact both within and across academic disciplines and in other sectors, such as government, communities, or industry.

McGill further recognizes and fairly considers the impact of leaves ([e.g.](#), family care or health-related) that may contribute to career interruptions or slowdowns. Candidates are encouraged to signal any leave that affected productivity, or that may have had an effect on their career path. This information will be considered to ensure the equitable assessment of the candidate's record.

McGill implements an employment equity program and encourages members of designated equity groups to self-identify. It further seeks to ensure the equitable treatment and full inclusion of persons with disabilities by striving for the implementation of universal design principles transversally, across all facets of the University community, and through accommodation policies and procedures. Persons with disabilities who anticipate needing accommodations (<https://www.mcgill.ca/hr/benefits/disabilities>) for any part of the application process may contact, in confidence, to accessibilityrequest.hr@mcgill.ca or by phone at 514 -398-2477.

All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration

requirements, Canadians and permanent residents will be given priority.

Contact

Professor Alejandro D. Rey

Department of Chemical Engineering

McGill University, Canada

E-mail: info.chemeng@mcgill.ca

Personne à contacter:

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