Postdoctoral Associate Position Opportunity

Department: Electrical & Computer Engineering
Supervisor: Abdallah Shami

Description of Research and Position:
The Optimized Computing & Communications group at Western University is looking for a Postdoctoral Fellow to work on Optical Networking research & industrial project. The selected applicant will lead a funded research project in collaboration with an industrial partner in the area of Optical Networks. The Optimized Computing & Communications group at Western provides a highly challenging and supportive environment. Successful candidate would have the opportunity to be involved in high-quality academic and industrial research.

Accountabilities of the Role:
The activities of the Postdoctoral Fellow include research and development in the field of optical networks, as well as the development of proposals in this field. This includes optical transport networks (OTNs) as well as their connection and interaction with 5G/B5G mobile networks, in particular with respect to low-latency applications in industry 4.0 and mission-critical applications. Candidates should have demonstrated ability for effective written and oral (English) communication, scientific collaboration in a group, adhere to good coding practices, and to author scientific papers and research proposals.

Educational Requirements necessary for the Role:

• Ph.D. degree in Computer Science, Electrical Engineering, Computer Engineering or other related fields.
• Solid Optimization and Mathematical Theory skills
• Experience in heuristic optimization would be considered an asset
• English: Fluent speaking/writing skills

Number of Opportunities: 1
Proposed Start Date: 01/09/2022
Length of Appointment: 1 year
Please note that the length of appointment may change.

How to Apply:
Please send: i) a detailed curriculum vitae, ii) a brief description of current research program and accomplishments, iii) copies of representative publications, and iv) the names of two referees to: ashami2@uwo.ca

Posting Expires: August 22, 2022
Note: Postings must be publicly available for a minimum of 10 days.