



**Specific Qualifications and Requirements for the:
Adaptive Video Processing, Analytics and Communications for Real-Time Applications
VIDEOMICS FRG Group**

Research Associate Position 1 (full-time or part-time)

1. B.Sc. degree in Computer Science, Computer/ Electrical Engineering, Signal Processing, or related field, from an accredited institution
2. M.Sc./ Ph.D. degree in a relevant field (e.g., Biomedical Engineering, Medical/ Health Informatics, Artificial Intelligence, Machine Learning, Image Processing) will be considered an advantage
3. Strong programming skills in languages such as Python, C, C++, C#, R
4. Statistical/ Machine/ Deep learning expertise and corresponding frameworks knowledge (e.g., Keras, Pytorch, OpenCV, Tensorflow, etc.) will be considered an advantage
5. Statistical/ Mathematical background will be considered an advantage
6. Image and video processing and analysis expertise will be considered an advantage