



10 April 2017

## RESEARCHER in COMPUTER VISION (University of Liège, Belgium)

**When:** Immediately, or as soon as possible.

**Where:** University of Liège, Department of Electrical Engineering and Computer Science, Laboratory for Signal and Image Exploitation (INTELSIG), Prof. Jacques G. Verly, in a very enjoyable, wooded, suburban location close to the center of the historical city of Liège, Belgium, [www.montefiore.ulg.ac.be](http://www.montefiore.ulg.ac.be).

### Position

- **You** will join a world-leading team developing advanced, real-time computer-vision systems for monitoring the state and activities of vehicle operators (driver, pilot, ...).
- Starting from existing building blocks, **you** will create end-to-end computer-vision systems that operate robustly in real vehicles and driving environments.
- **You** will develop algorithms for, among others, analyzing facial expressions and quantify the levels of drowsiness, vigilance, distraction, mind wandering, etc.
- **You** will lead experimental tests in vehicles, and progressively increase the robustness of the algorithms.
- **You** will interact closely with the group's spin-off Phasya, [www.phasya.com](http://www.phasya.com), and likely with major vehicle and equipment manufacturers.
- **You** will have the opportunity to participate actively to international conferences and to quickly achieve international recognition.
- **Your work could contribute to save thousands of human lives!**

### Profile

- Master or PhD in Electrical Engineering and/or Computer Science, or equivalent.
- Practical, hands-on experience in **image processing** and **computer vision**.
- Experience in machine learning, with interest in deep learning.
- Skills in C, C++, and OpenCV.
- Experience with processing videos of a person's face & analyzing facial expressions is a plus.
- Experience with deep learning libraries such as Torch7 is a plus.

### Contact

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