16 June 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, a very enjoyable, wooded, suburban location close to the center of the historical city of Liège, Belgium, in the center of Europe, 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, 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.
- Experience with processing of 3D range images is not required initially, but is a plus.

Contact

Prof. Jacques G. Verly, Department of Electrical Engineering & Computer Science, University of Liège, Belgium, jacques.verly@ulg.ac.be