

Professor Melvyn Smith BEng(Hons) MSc PhD CEng MIEE
Director of the Centre for Innovative Manufacturing and Machine Vision
Systems
Machine Vision Laboratory
Bristol Institute of Technology
DuPont Building
University of the West of England
Frenchay Campus, Bristol BS16 1QY UK
E-mail: melvyn.smith@uwe.ac.uk
Web: <http://www.uwe.ac.uk/cems/research/melsmith/>
Tel +44(0)117 32 86358 Fax +44(0)117 32 83636

Jorge Stolfi
Full Professor / Professor Titular
Inst. of Computing, State Univ. of Campinas
Cx. P.6176, 13083-970, Campinas, SP, Brazil

23rd June 2009

Dear Professor Stolfi,

Re: CAPES grant – Rafael Saracchini

We welcome this opportunity. The research proposal submitted by Mr Rafael Saracchini will fit well with our on-going work and the facilities available here in the Machine Vision Laboratory, UWE, Bristol. We currently have a number of projects running in the area of 3D data capture, stereo vision and the use of photometric stereo in particular. In addition to the University's general facilities, we would be able to provide a desk and a PC along with access to photometric stereo (PS) and other vision hardware / software, including a state of the art 3D data acquisition system from 3DMD Ltd.

The gauge-based photometric stereo (PS) approach is of particular interest. My thoughts are that we might use the placement to explore the technique in the context of funded research work presently underway here, for example in 3D face recognition using PS. This may offer a level of synergy by allowing Rafael to work with our research fellows and PhD students. Our team is currently comprised of 13: a professor, two readers, two visiting research fellows, three research fellows, a senior research fellow and four PhD students.

I am very happy to accept Rafael here in the Machine Vision Laboratory for the period Nov/2009 through Oct/2010.

Yours sincerely



Professor Melvyn Smith