



**ibot**

Special remarks:

### 4th Term - MSc Proposal

MSc title: <b>Image Denoising</b>	Host University: Heriot-Watt
	Supervisor: Paolo Favaro

#### Brief description of the project:

The project aims at designing and testing an image denoising system for video sequences. The system is based on the video/image epitome method. The local patches of the epitome of an video/image can then be used to reconstruct the original video/image. The project will involve the implementation of the epitome code and designing novel techniques to search through the video/image or to sample the video/image.

The project will involve programming in C/C++, understanding and using VXL libraries.

#### Software/Hardware needs:

Will be provided by HWU

#### Special remarks:

Submit a single page proposal.

Host University: Bourgogne/Heriot-Watt/Girona

Software/Hardware needs: Detail the programming platform (matlab, C++, etc) and the lab facilities required for the project (cameras, acquisition cards, lasers, etc).