L’équipe A3SI du LIGM organise un exposé exceptionnel le mardi 15 mai de 14h00 à 15h00, salle 3307 (ESIEE PARIS) :

**PClines - Line Detection Using Parallel Coordinates**

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**Abstract:** PClines is a parameterization of lines usable for efficient line detection based on the Hough transform. The talk will describe the information from CVPR2011 paper with the same name and it will extend it with more context from an upcoming Springer book "Real-Time Detection of Lines and Grids By PClines and Other Approaches". PClines is usable for real-time detection of lines and it is especially suitable for embedded and fixed-point architectures. PClines (and related parameterizations) offer advantages when detecting lines which were originally parallel and possibly equidistant and later projected by perspective projection (viewed by a camera).