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PhD student position in 3D geometry processing / computer graphics
Location: Ecole Polytechnique, France
Start date: December 2016
This position is restricted to EU citizens
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Description:

A PhD position is available at the LIX research laboratory of Ecole Polytechnique (LIX), France in the area of:

"Analysis and processing of collections of 3D models"

The main goal of this project is to develop tools for the analysis and processing of 3D model collections and the interaction between 3d and image data with particular emphasis on creating methods for the comparison and matching. The ultimate goal is to develop a framework, both theoretical and practical, for analyzing image and shape collections jointly.

The ideal candidate should have strong background in the following:

 - Basics of Applied Math (Linear Algebra, Numerical Optimization)
 - Geometry processing and 3D shape analysis or computer graphics
 - Computer vision and image processing
 - Knowledge of basic differential geometry
 - Programming experience, especially in multimedia data analysis.

The candidate must have a master's degree with preference given to those having strong research experience. The expected duration of the PhD is 3 years and expected starting date is December 1st 2016

Venue and supervision:

Successful candidates will be at Ecole Polytechnique located in Palaiseau, Paris area, France. The project will be supervised by Maks Ovsjanikov (Ecole Polytechnique, LIX):
http://www.lix.polytechnique.

How to apply:

Note that as mentioned above, this position is restricted to EU citizens

To apply, please contact Maks Ovsjanikov (maks@lix.polytechnique.fr). Please include your CV, a short cover letter and a publication list. Reference letters are optional but may need to be provided upon request.