Postdoctoral position

Collaborative design platforms for open source product development

Start date: 1ˢᵗ March 2016

Duration: 1 Year

Grenoble Institute of technology - G-SCOP laboratory (CC collaborative design team) is looking for a **postdoctoral researcher** for a period of one (1) year for the Project "OPEN! – Methods and tools for community-based product development..

The objective of the project is to develop an online **Open Design Platform** providing communities with innovative methods and tools allowing them to collaborate on the design and continuous improvement of open source products. The scope of the project covers 1) the **characterization of the open design paradigm** as it emerges actually 2) the **development a set of methods** for the organization of open design projects based on the adaptation of existing methods used in industry 3) the **prototyping of an online platform** implementing these methods.

The project is performed by a multidisciplinary consortium involving French and German research laboratories and companies. It is led by French and German laboratories on industrial engineering (G-SCOP [Fr], TU Berlin/IWF [De]) and involves contributions from business economics (HU Berlin/HIIG [De]) and innovation management sciences (CERAG [Fr]). Solutions will be developed and tested in collaboration the company Raidlight [Fr] and online communities thanks to our external partners (i.e. open source ecology, P2P lab).

Today we recruit a **postdoctoral researcher** that will carry out a state of the art of supporting tools and current practices of open source product development (open CAD, Open PLM, open design repositories, etc.) and elaborate requirements for the modelling of the open source product development process and the development of a supporting open design platform. The candidate will have to coordinate the work of the project partners on the topic.

Knowledge in the field of engineering design (PLM, collaborative design, design methods, etc.) or more generally design science as well as good English skills is required. French and/or German language skills as well as experience in open source product development (software or hardware) will be appreciated.

More information about the project under this link or with the help of the following QR-code.

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