Research position / postdoc

In High Dynamic Range Imaging

Universitat de Girona
(http://www.udg.edu)

Institute of Informatics and Applications
(http://iiia.udg.edu/)

Geometry and Graphics Group
(http://iiia.udg.edu/GGG/)

Fixed term appointment for 18 months
Preferable salary range: 29,521 € - 35,333 € per year before taxes (or 1740 € - 2000 € per month before taxes). Higher salary may be considered if justified by previous experience.

The Geometry and Graphics Group of the Universitat de Girona is offering a new research position at the post-doctoral level to work on an exciting research project on high dynamic range imaging. This 2-year project is funded by the Spanish ministry of education and science, in the MEC EXPLORA program (TIN2008-02046-E/TIN, HIGH-DYNAMIC RANGE IMAGING FOR UNCONTROLLABLE ENVIRONMENTS)

In this project we are interested in exploring solutions to the capture of high-dynamic range images for dynamic scenes, with the aim of building physically accurate radiance values. Input data will come from a set of low dynamic range photographs captured at different exposures.

Applicants with a research background in the following areas will be preferred:
- Computational photography
- Image processing
- Computer graphics
- Inverse problems
- Colour science

The post, under the supervision of Dr. Celine Loscos, aims at producing independent and original research relating to high-dynamic range imaging of dynamic scenes. You will be expected to produce research publications and design, build, deploy and experiment with high-dynamic range imaging prototypes.

Applicants should have a PhD in Computer Science (or equivalent), and a proven publication track record.

How to apply:
It is preferred to send your application by email to Dr. Celine Loscos as pdf documents (celine.loscos@ima.udg.edu) with "HDRI – research position application" in the subject of the mail. You should expect a reception acknowledgement email.

Alternatively you may send your application by post to
Celine Loscos
Universitat de Girona
Campus Montilivi, P IV
17071 Girona
Spain

Queries can be directed to Dr. Celine Loscos (celine.loscos@ima.udg.edu).

Applications must include the following:
• A full CV with a complete list of publications
• A 2-3 page research statement that describes your research experience and how you foresee your contribution in the project
• At least two reference letters with at least one from your former employers or PhD supervisor attesting your ability in conducting research and integrating research teams.

Closing Date: 15 June 2009
Interviews for this job are planned for July 2009. The preferred starting date for this post is 1st September 2009.