University







Postdoctoral Research Position in Photonics

Laboratory: Icube (Laboratoire des sciences de l'Ingénieur, de l'Informatique et de

l'Imagerie) - IPP (Instrumentation et Procédés Photoniques) team

Parc d'Innovation - 300 Bd. S. Brant - CS 10413

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https://icube.unistra.fr/

Duration: 12 months, Starting in June 2019

Design and implementation of an augmented reality device with multiplane projection

ICube/IPP (http://icube-ipp.unistra.fr/en/index.php/Accueil) team of the University of Strasbourg is involved in the design and implementation of optical systems for augmented reality devices with wide field of view. A first set of demonstrators as proof of concept has been implemented. The aim of this postdoctoral research is to design new optical systems projecting virtual images on various image planes.

Candidate profile:

Ph.D. in optics obtained between 2015 and 2018 is required. The candidate should demonstrate good knowledge and experience in computer aided design of optical systems. The candidate also should be familiar with software like Zemax.

An experience in opto-mechanical integration and characteristizations would be appreciated.

Competences: ray and wave optics, optical design

Softwares: Zemax or equivalent, Matlab

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