

The Institute of Computer Graphics (www.jku.at/cg) at the Johannes Kepler University Linz (www.jku.at) is seeking a:

Research PostDoc

starting October 1st, or later, up to 40h/week employment, 38,234.00 EUR gross salary/year

Research Topic: Development of a Thin-Film Camera

In the past 6 years, the ICG at JKU has developed the world's first transparent, flexible, and scalable thin-film image sensor.

List of published journal papers in Optics Express: <https://goo.gl/BJYT6J>

Press: <https://goo.gl/FwuK3Y>

In the following years, we want to investigate thin-film imaging optics and appropriate image reconstruction techniques to extend our sensor towards a full thin-film camera.

The project is highly interdisciplinary. While the main focus is on computer science (image and signal processing, machine learning, computational imaging/photography), prototypes have to be developed that consider aspects in optics. See, for example, our most recent publication: <https://goo.gl/GHSB97>

We are seeking an interested PostDoc to complement team for this project.

Applicants must hold a PhD degree in computer science or related fields (such as mathematics or engineering), and should have experience in one or more of the following areas: computer vision, signal processing, image processing, machine learning, optics. Considerable experience in programming is expected (preferably in MatLab). Prior involvement in research or development projects is a plus. Candidates must be fluent in English (speaking and writing).

Linz, the 2009 European Capital of Culture, is a beautiful place in the alpine uplands between Salzburg and Vienna (www.linz.at/english, www.oberoesterreich.at/english). For further information, please don't hesitate to contact us.

To increase the quota of women in academia, we especially encourage female candidates to submit applications. At equal qualification, female candidates will be preferred. Disabled applicants with adequate qualification will come into special consideration.

Applications including curriculum vitae and copies of transcripts and certificates must be submitted to Univ.-Prof. Dr. Ing. habil. Oliver Bimber, oliver.bimber@jku.at.