

# Job Offers for Image Processing / Computer Vision

## Research Scientists (Linz/Hagenberg, Austria)

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We are looking for

- 2 **Research Scientists (f/m)** possibility to obtain PhD in mathematics/computer science
- Several **MSc students**

to join the team of the

- Software Competence Center Hagenberg (SCCH) and
- Department of Knowledge-Based Mathematical Systems (FLLL, Johannes Kepler University of Linz)

to work on a three year research project funded by the FWF (Austrian Science Fund):

*“Image Similarity based on the Discrepancy Norm”*

In image processing among the most common tasks are image registration and tracking. Their applications are manifold and can be found in industry, medicine and entertainment. For all of these tasks one needs to measure the similarity of two images.

The discrepancy norm is a novel similarity measure. It provides some significantly better properties than the state-of-the-art measures – such as proven monotonicity for shifted signals, or robustness in the face of noise.

Aim of the project is a deeper mathematical analysis of the discrepancy norm along with applications to real world problems.

*Profile for the candidates*

- Excellent MSc resp. BSc in mathematics or computer science
- Experience or interest in
  - Mathematical analysis
  - Statistics
  - Image Processing
  - Registration
  - Pattern Recognition
- Some experience in software development
- Good communication skills, motivated team player
- A working permit for the European Union is mandatory

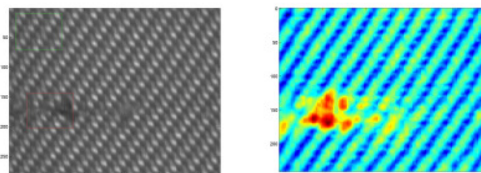


Fig.: Application of the discrepancy norm for quality control

### Contact

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