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Post-Doc Position: Information Processing in Medical Interventions

The Information Processing in Medical Interventions Group at the Institute for Surgical Technology and Biomechanics, University of Bern is looking for a highly motivated postdoc to develop cutting edge machine learning and medical image analysis algorithms for musculo-skeletal imaging, with a focus on developing registration/segmentation algorithms for processing X-ray, CT and MRI data. The position is available from Jan. 1st, 2015. The PostDoc will be part of a team consisting of the PostDoc him/herself, the principal investigator (PI) and four PhD students. Thus, active participation in supervising PhD students is expected. Required skills/experiences include:

- Doctorate degree in Computer Science, Electrical Engineering, Applied Mathematics or related fields with knowledge and experience in medical image analysis, machine learning or computer vision algorithm development and implementation
- Strong publication record in major conferences/journals such as MICCAI, IPMI, ICCV, CVPR, ECCV, PAMI, IJCV, MedIA, TMI, etc.
- Excellent programming skills in C++ and Matlab

Interested candidates should send their resumes with references to:

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