

The Research Group on *Image and Video Analysis & Synthesis (IVAS)* at the Interactive Media Systems Group (www.ims.tuwien.ac.at/IVAS) of **Vienna University of Technology (TU Wien)** announces

2 Research Positions (1 PhD student and 1 Master student)

for highly motivated students/graduates of **Informatics, Mathematics** or related studies (Electrical Engineering, Physics, ...) with a background or strong interest in the area of **3D video analysis and synthesis**. The successful candidates will work in a team of academic and industrial partners on the project "Precise3D" funded by the Austrian Research Promotion Agency, with the goal to generate high-quality 3D scene models of dynamic scenes using stereo analysis and other 3D vision techniques.

We are looking for qualified candidates that meet several of the following requirements:

- Excellent academic record
- Very good knowledge of computer vision
- High ability of analytic and algorithmic thinking
- Good programming skills (C++, Matlab)
- Experience in GPU programming
- Knowledge in visualization and video editing techniques
- Profound interest in basic and applied research questions
- Good knowledge of English

The employments are planned for 40 hours/week (PhD level) and 20 hours/per week (master level) with monthly gross salaries (before taxes, 14 time per year) of approximately €2.700 (PhD level) and €970 (master level). The expected start date is September 2017.

Please send your application per email to:

Ao. Univ.-Prof. Margrit Gelautz (email: margrit.gelautz@tuwien.ac.at)

Institute for Software Technology and Interactive Systems

Vienna University of Technology