

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 a new opening for a

PhD student

We are seeking a highly qualified graduate (Dipl.-Ing, MSc.) of **Informatics, Mathematics** or related studies (Electrical Engineering, Physics, ...) with a background or strong interest in developing **computer vision algorithms for autonomous driving applications**. The successful candidate will work in a team of academic and industrial partners on the “CarVisionLight” project, funded by the Austrian Research Promotion Agency. The project targets the development of an intelligent combined 3D vision and adaptive front-lighting system for supporting automotive vision in the evolving field of automated driving. The PhD project will deal with the development of semi-automatic labeling techniques and associated user interaction for ground truth annotation in the context of high-level 3D environment understanding.

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

- Excellent academic record
- Strong background in computer vision
- Experience in developing user interaction techniques
- High ability of algorithmic thinking
- Good programming skills in C++ and Matlab
- Good knowledge of English (for international applicants, basic proficiency in German is an advantage)

The employment will be for 3 years at 30-40 hours/week, with a monthly gross salary (before taxes, 14 time per year) of €2.000-€2.700. 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
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