

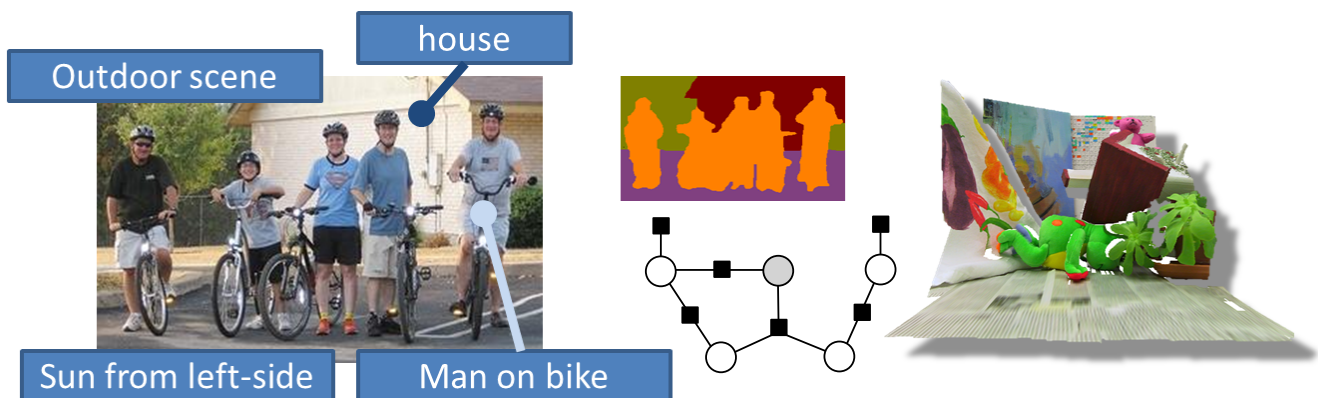


# PhD scholarships Microsoft Research / Max Planck

**About the research** The candidate should be interested in solving high-level computer vision tasks - that is "making sense of images" - by principled machine learning models. The research includes designing and evaluating statistical models to solve ambitious tasks such as

- Recognising objects and reason about their relations,
- Reconstructing 3D scene information from image data using physics-based models,
- Classifying human activities in video data.

Since the project will have a strong emphasis on machine learning topics candidates should have a mathematical background such as a master degree in computer science, mathematics or physics. Ideally the candidate already has some knowledge about machine learning models. Computer vision background is not required but a plus. Good programming skills are also a plus.



**About the PhD** The three year PhD scholarship is sponsored by Microsoft Research Cambridge (UK) and based at the Max-Planck Institute in Saarbrücken. This PhD program will enable the student to work on state-of-the-art research in computer vision and machine learning, being co-supervised by a researcher within Microsoft. This usually includes visits at Microsoft Research Cambridge as well as an internship in this lab. The problems we work on are relevant to industry in the short and long term.

**About the institutes** Max Planck Institutes are regarded as the foremost organisation for basic research in Germany. This position is open in the recently established Computer Vision and Multimodal Computing department headed by Prof. Bernt Schiele in conjunction with the International Max Planck Research School for Computer Science. The Microsoft Research Lab in Cambridge is an internationally renown institute and employs many computer vision and machine learning experts.

To apply for this position please send your application (include CV and academic records) to Dr. Peter Gehler (pgeher@mpi-inf.mpg.de). In case you have any further question please do contact us by email using the same address.