

Open research positions in the Industrial Automation Group (IAT)

We have open positions at the PhD-student and Post-Docs level for performing cutting edge research on:

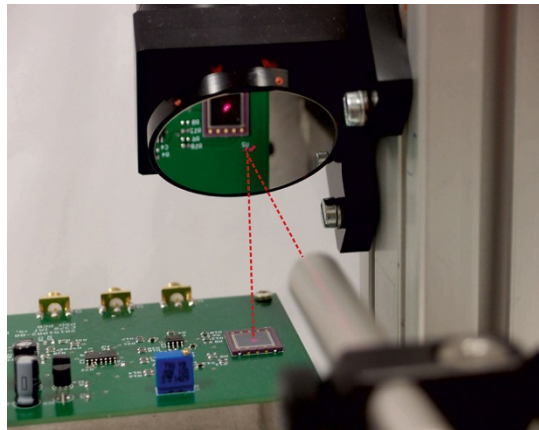
- Scientific Instrumentation and Imaging Systems
- Precision Engineering, Mechatronics, and Control
- Industrial Automation, Process control, and Robotics

We offer the opportunity to perform scientifically challenging research in a multi-disciplinary research environment. Here are some examples of projects and topics we are working on:

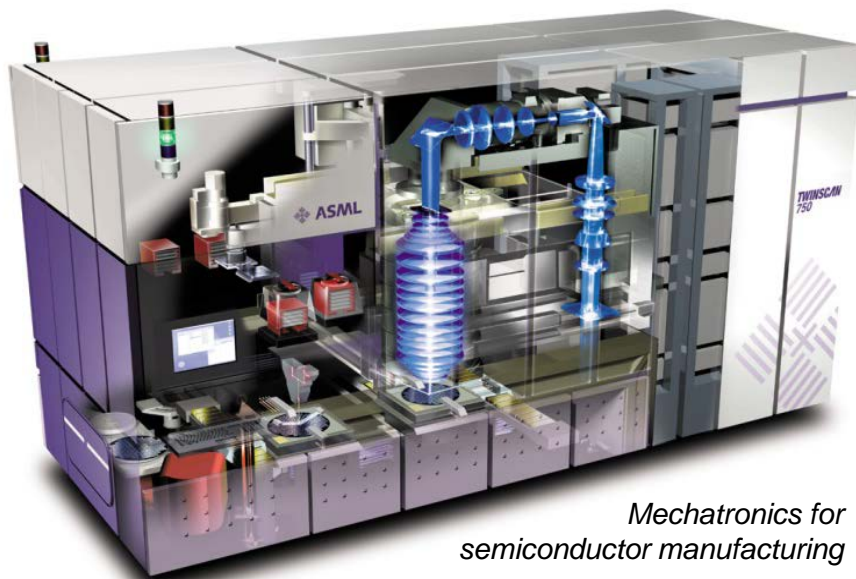
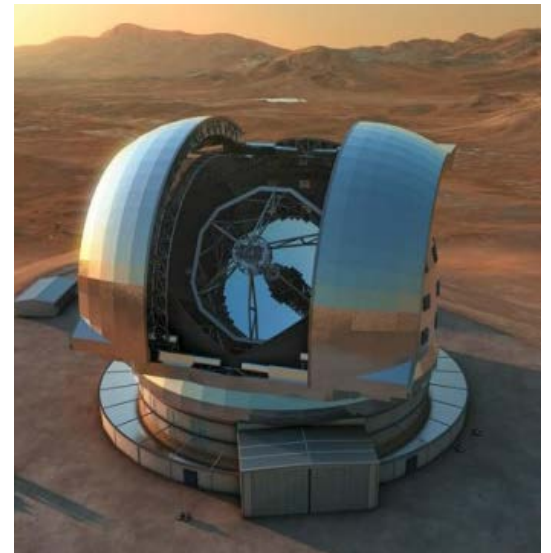
*Scanning Probe Microscopy,
AFM.*



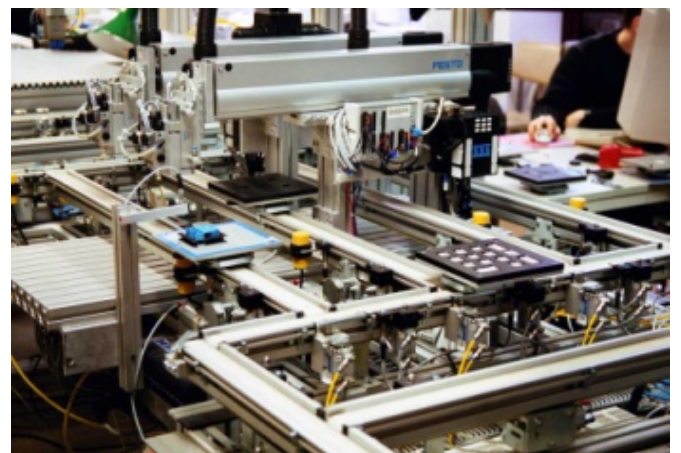
*Optical Scanning Systems,
3D Metrology.*



*Telescope Systems,
Adaptive Optics*



*Mechatronics for
semiconductor manufacturing*



Modular automation and robotics

Requirements:

We are looking for candidates holding an MSc or PhD degree in Electrical Engineering, Mechanical Engineering, Mechatronics, Cybernetics, Physics or equivalent, preferably with a strong background in at least one area of scientific instrumentation, mechanical design, mechatronic design, control engineering, electro-magnetic actuation, precision engineering, measurement science, nano-metrology, electronics, adaptive optics, systems engineering, modeling and control of dynamic systems, or automation and process control.

Good fundamentals, excellent grades, and interest in mathematics and physics or programming and automation are prerequisites. Motivation to pursue novel research in close collaboration with well-reputed international industry and academic partners is essential. Good communicational skills, fluency in English and/or German, and the willingness to work independent and motivated as member of a dynamic international research team are expected.

Conditions of employment:

TU Vienna offers an attractive benefits package, including a flexible work week, health insurance, social security, and additional company retirement benefits. Salary and benefits are in accordance with the Collective Labor Agreement for Austrian universities.

We offer the opportunity to perform scientifically challenging research in a multi-disciplinary research environment, with a group of international researchers and strong collaboration with industrial, governmental, and university research laboratories. Further career growth in all teaching, research, and industrial applications is provided.

How to apply:

To apply for a position with our group, please email your application in pdf-format to schitter@acin.tuwien.ac.at or mail a hardcopy of the documents to:

Prof.Dr. Georg Schitter,
Vienna University of Technology
Gusshausstr. 27-29, ACIN, E376
1040 Vienna, Austria

Please include:

- a cover letter, including a statement with your motivation for this position,
- a full CV,
- your grades and an abstract of your MSc thesis (if you apply for a PhD student position),
- a list of your publications (if any, particularly for post-docs), and
- the names and contact information of two professional references.

For more information about the ACIN department and Vienna University of Technology, please visit our website <http://www.acin.tuwien.ac.at> and <http://www.tuwien.ac.at>.