



Prof. Dr. Volker Turau
Departmental Coordinator
Electrical Engineering,
Computer Science &
Mathematics

Guideline for incoming students who are planning to write their Thesis during their ERASMUS-Stay at TUHH

1. Make yourself clear about the field you want to write your thesis in.
 2. Check out the lists below to find out, which Professor of our school of study is working in the field you'd like to write your thesis in.
 3. Four weeks prior to the scheduled start of working on the thesis: Send an e-Mail to the Professor in question applying for a thesis. Please attach your bachelor's certificate (if applying for a Master's thesis) and your Transcript of Records. You also have to list your precognitions in the field concerned.
 4. As soon as you have found an advisor for your thesis, please contact our Examination Office (serviceteam-a@tu-harburg.hamburg.de; building E, ground floor) to register your thesis.
 - After handing in your thesis, you will have to give an oral presentation, defending your thesis. Your advisor is going to inform you about this procedure.
 - Your thesis will be graded at the TUHH. The grade will be listed in your Transcript of Records.
 - For any questions or problems arising, please contact your Departmental Coordinator Prof. Turau (telematik@tuhh.de).
-

Professors in Computer Science

Prof. Dr. Alexander SCHLAEFER schlaefer@tuhh.de	Medical Technology: Medical robotics, image guidance, soft tissue navigation, treatment planning and decision support
Prof. Dr. Rolf Rainer GRIGAT grigat@tuhh.de	Vision Systems, image processing
Prof. Dr. Andreas TIMM-GIEL timm-giel@tuhh.de	Communication Networks: Mobile and Vehicular communication, Future Internet and Network Planning, Sensor Networks, IoT and opportunistic networks
Prof. Dr. Tobias KNOPP tobias.knopp@tuhh.de	Biomedical Imaging: Tomographic Imaging, Image Reconstruction, Signal- and Image Processing, Magnetic Particle Imaging
Prof. Dr. Heiko FALK heiko.falk@tuhh.de	Embedded Systems Design, Real-Time Systems
Prof. Dr. Karl-Heinz ZIMMERMANN k.zimmermann@tuhh.de	Algebraic Engineering, Bioinformatics
Prof. Dr. Görschwin FEY goerschwin.fey@tuhh.de	Design Automation for Embedded Systems and Digital Hardware, Formal verification, reliability, testing
Prof. Dr. Dieter GOLLMANN diego@tuhh.de	Security in Distributed Applications, Brain Computer Interfaces, cyber-physical systems, risk management in socio-technical systems and web applications
Prof. Dr. Sybille SCHUPP schupp@tuhh.de	Software Systems: Static Analysis, Timed Automata, Testing, Verification, Generic Programming, Functional Programming, Typed Languages
Prof. Dr. Volker TURAU turau@tuhh.de	Telematics, Distributed Systems, Smart Grids, Sensor Networks, Self-Stabilizing Systems, Distributed Algorithms
Prof. Dr. Siegfried RUMP rump@tuhh.de	Reliable Computing, Matrix Theory, Self-Validating Methods, Numerical Linear Algebra, Scientific Computing
Prof. Dr. Christian RENNER christian.renner@tuhh.de	Wireless Communication and programming of Embedded Systems

Professors in Electrical Engineering and Mathematics

Prof. Dr. Arne JACOB jacob@tuhh.de	High Frequency Technology
Prof. Dr. Christian BECKER c.becker@tuhh.de	Electrical power and energy systems engineering
Prof. Dr. Hoc Khiem TRIEU trieu@tuhh.de	Medical engineering, microsensor technology and life science
Prof. Dr. Gerhard BAUCH bauch@tuhh.de	Communication, Digital Signal Processing and Digital Filters, Wireless Systems
Prof. Dr.-Ing. Matthias Kuhl circuits@tuhh.de https://www.et5.tuhh.de/studentischeArbeiten/index.html	System theory, system design, IC design, Practical applications, Experiments and measuring methods, Bioelectric signals, Simulation of physiological processes, signal processing, Firmware programming, Programming for Windows and Android
Prof. Dr. Manfred EICH m.eich@tuhh.de	Electro-optic modulation, Trimmable nanophotonic devices, magneto-optical devices, high-temperature broadband reflectors, MIR gas sensing
Prof. Dr. Herbert WERNER h.werner@tuhh.de	Control Systems: Interconnected dynamic systems, linear parameter-varying systems, distributed control
Prof. Dr. Christian SCHUSTER schuster@tuhh.de	Theory, computation and application of electromagnetic field properties; Numerical methods for computation of electromagnetic fields and electrical circuits, SI/PI, EMC, Bioelectromagnetics, Microwave measurement techniques
Prof. Dr. Sabine LE BORNE leborne@tuhh.de	Numerical Mathematics
Prof. Dr. Marco LINDNER lindner@tuhh.de	Applied Analysis
Prof. Dr. Anusch TARAZ taraz@tuhh.de	Discrete Mathematics