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For students and employees of the Department of Informatics

Issue 2017/01

Anniversary: 50 Years Informatics in Munich

In the winter term of 1967/68 a major in „Informationsverarbeitung“ (information processing) was offered at the TUM for the first time initiated by Prof. Friedrich L. Bauer with his lecture cycle. Therefore in 2017 we are celebrating a half-century of Informatics in Munich.

At that time, informatics belonged to the Institute of Mathematics, and only in 1992 did the Department of Mathematics split to give rise to the independent Department of Informatics.

New Professorship in “Cyber Trust”

Informatics at the TUM now has a new academic chair. “Cyber Trust” is an endowed chair of the “Gemeinnützige Gesellschaft für sichere und vertrauliche Kommunikation im Internet mbH“ of the Deutsche Post. The scientific advisor to the non-profit organization is Prof. Claudia Eckert, head of the Chair of IT Security at the TUM and director of the Fraunhofer Institute for Applied and Integrated Security.

Effective January 1, 2017, Prof. Jens Großklags was appointed the new head of the chair for “Cyber Trust” at the TUM. Prior to this, he was an assistant professor in the College of Information Sciences and Technology at the Pennsylvania State University.



Prof. J. Großklags

Prof. T. Neumann

Photos: A. Heddergott/TUM

ERC Consolidator Grant for Prof. Neumann

For his project “CompDB – The Computational Database for Real World Awareness”, Prof. Thomas Neumann has been awarded a 2016 Consolidator Grant by the European Research Council (ERC). These grants are some of the most renowned research grants on the continent. The Consolidator Grants are awarded to outstanding scientists who have made a name for themselves through their cutting edge successes seven to twelve years after their doctoral studies.

www.in.tum.de/2017013_eng

Prof. Vogelsang receives the Kamm-Jante-Medal

A 2016 Kamm-Jante-Medal of the Wissenschaftliche Gesellschaft für Kraftfahrzeug- und Motorentechnik (WKM) (the scientific society for motor vehicle and engine technology) went to TUM Informatics. In the field of motor vehicle technology, Prof. Andreas Vogelsang’s 2015 dissertation “Model-based Requirements Engineering for Multifunctional Systems” written for the Chair of Software & Systems Engineering was awarded the distinction by evaluators from WKM. Prof. Manfred Broy was his PhD advisor.

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Third Place for Dr. Kristian Beckers

Dr. Kristian Beckers from the Chair of Software Engineering (Prof. Alexander Pretschner), together with a colleague at the Goethe-University of Frankfurt, came in third place for the sixth German IT-Security Prize of the Horst Görtz Foundation. The scientists used “Serious Games” for the defense against social engineering attacks on Layer 8.

They demonstrated that, by using a simple card game, people are able to learn to recognize certain scam tactics and to protect themselves against them.

www.in.tum.de/2017015

Dr. Carsten Trinitis: GI-Representative

Dr. Carsten Trinitis, research assistant at the Chair of Rechnertechnik and Rechnerorganisation, has been elected for another three-year term in the executive committee of the Gesellschaft für Informatik e.V. (GI). This means that he is also the GI contact person for the Department of Informatics. Furthermore, Carsten Trinitis represents our department in the Ethics task force (together with TUM computer scientist Thomas Kittel) and in the Munich GI regional group.

www.in.tum.de/2017016

New EU-Project, New Job: RobMoSys

The new year at the chair of Robotics & Embedded Systems (Prof. Alois Knoll) has started with a new European Research and Innovation Project within the Horizon 2020 Framework: RobMoSys, which envisions a model-driven approach built around the current code-centric robotic system-of-system integration by encouraging the community involvement. The project team is still looking for a Senior Software Architect/Post-doc in Robotics.

www.in.tum.de/2017017

New Graduate Program: AdONE

A new Research Training Group approved by the Deutsche Forschungsgemeinschaft (DFG) is the new Graduate Program “Advanced Optimization in the Networked Economy (AdONE)”. Due to an increasingly interconnected economy, multiple decision-makers are typically involved in resource control, and large data sets are available allowing for new optimization methods for the efficient use of resources. The Graduate Program conducts research in operations research and management science to develop models and processes that aim at the efficient use of resources through intelligent planning and control. Professors Susanne Albers and Martin Bichler are members of the new Graduate Program.

www.in.tum.de/2017018

Insight for School Directors

The Director Convention of the Ministerialbeauftragte für die Berufliche Oberschule (Ministerial Commission of Vocational Schools) in Southern Bavaria took place in November 2016 at the Department of Informatics upon the initiation of the Dean of Academic Affairs Prof. Helmut Seidl and the school-university interface representative Robert Heininger. More than 100 school principals and vice principals experienced exciting glimpses into current research and learned about opportunities for cooperations between their schools and our department.

www.in.tum.de/2017019

New Record Student Exchanges

In January the Department of Informatics received 120 applications from our students wishing to participate in the ERASMUS+ program and our faculty programs. A new record! Our outgoings via the TUMexchange program included, in 2017/18 almost 200 TUM Informatics students will study a semester abroad.

During the same period we expect a similar number of Incomings from our partner universities.

www.in.tum.de/20170110_eng

Events:

2. February:
Schülertag 2017 (Department of Informatics)
iPraktikum Client Acceptance Test (ILH 2, 4.30 pm - 7.00 pm)

www.in.tum.de/20170111

www1.in.tum.de/ios1617/cat

3. February:
DemoDay (2 pm, ILH 2)

www.in.tum.de/20170113