[LMU](#) offers a wide and well-rounded range of learning opportunities that cover all areas, whether humanities and culture studies, law, economics and sociology, or medicine and the sciences. In addition to its many faculties, LMU is home to many special research centres, facilities, interdisciplinary projects and national and translational initiatives.The Ludwig-Maximilians-Universität München is one of the three top ranked German universities. It enjoys a centuries-old tradition and today is one of the most internationally renowned and strongest research universities in Germany. Its 18 faculties give around 700 professors and 3,000 academic staff room to research and teach.

Research and networking expertise

The [Media Informatics (MI) group](#) headed by Heinrich Hußmann is specializing in user-oriented aspects of technologies for digital media, including security and privacy issues. During the last years, special emphasis in research was put on the use of innovative user interfaces (like eye gaze tracking and gesture recognition) for improving the security of authentication at public terminals. The DISCREET project was focused on privacy and security aspects of ubiquitous computing applications.The research group on Theoretical Computer Science (TCS) headed by Martin Hofmann concentrates on application of formal, in particular logical methods, to security and correctness of programs. It also hosts a team working on algorithmic game theory. The group includes several internationally renowned experts and is regularly present at world-leading conferences.The Mobile and Distributed Systems Group (MDS) headed by Claudia Linnhoff-Popien focuses on distributed and mobile systems, and pervasive ("ubiquitous") computing. Main areas of interest are location-based services in cellular networks, middleware and technologies for scalable context-aware services and policy-based management of cellular networks.The Munich Network Management (MNM) Team headed by Dieter Kranzlmüller consists of researchers from LMU, the Munich University of Technology (TUM), and the Leibniz Supercomputing Centre (LRZ). It is one of the first groups in Germany to address the research area of IT management, focusing on topics such as manageability of networked and grid systems, including adequate management and security concepts, tools, and IT processes as well as grid middleware development, grid infrastructure operation and resource management.The group on Programming and Software Engineering (PST) headed by Martin Wirsing has internationally renowned expertise in object-oriented and service-oriented software development based on formal foundations as well as in aspect-oriented programming and the design of Web-based software systems. Products of PST include the automated tool integration platform and development environment SDE for service artefacts and modular software framework for building pervasive, adaptable, self-organized systems. LMU is represented in this project by five of the eight teaching and research units of the Institute for Informatics: Programming and Software Engineering, Network and Grid Management, Mobile and Distributed Computing, Theoretical Computer Science, and Media Informatics. These five groups comprise four full professors and more than 70 researchers, postdocs, and PhD students. They cover a wide spectrum of security-related software and services system research ranging from formal foundations, network and grid systems, software service engineering to user-oriented aspects. The groups are actively engaged in multiple

national and international projects including the FP6-7 projects SENSORIA, MOBIUS, EmBounded, REFLECT, S.M.S, DISCREET, SIMPLICITY, DORII, EGI-DS,g-Eclipse as well as the NoE EMANICS, the coordinated action INTERLINK and the OpenGrid Forum.

Key scientific staff

Martin Wirsing

Martin Hofmann

Heinrich Hussmann

Dieter Kranzlmüller

Claudia Linnhoff-Popien