

**MASTER'S PROGRAM IN AUTONOMOUS SYSTEMS AT THE BONN-AACHEN
INTERNATIONAL CENTER FOR INFORMATION TECHNOLOGY**

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The Master's program in Autonomous Systems is offered by the Applied Science Institute at the Bonn-Aachen International Center for Information Technology, B-IT. It is based on a cooperation between the Fraunhofer Institute for Intelligent Analysis and Information Systems in Sankt Augustin and the Department of Computer Science of the Bonn-Rhein-Sieg University of Applied Sciences. This program leads to the degree "Master of Science". For graduates of computer science programs, the M. Sc. in Autonomous Systems offers the possibility to deepen their knowledge in an innovative area of applied computer science. It provides graduates from other subject areas with an additional IT qualification. The program covers, but restricted to, such topics of robotics as autonomous mobile robots, robot architectures, control and systems theory, learning and adaptivity, probabilistic reasoning, computer vision, robot manipulation, modeling and simulation etc. The program has been awarded full accreditation from ASIIN, the German accreditation agency for study programs in engineering, informatics, and natural sciences. ASIIN is a member of the Washington Accord for the international recognition of accredited degree programs and also participates in the EUR-ACE Project.