www.sdu.dk/mmmi

THE MAERSK MC-KINNEY MOLLER INSTITUTE

International Master's Degree in Robots Systems Engineering/Software Engineering

This 2-year international programme aims at providing you with competences enabling you to efficiently develop innovative solutions for *software-intensive systems* i.e. systems where software is the key element in connecting people, physical devices, and virtual entities.

Well-qualified students, who have completed a bachelor's degree in Information and Communication Technology (ICT) or another closely related discipline, are invited to carry out two years of study for the degree of MSc in Software Engineering at The Maersk Mc-Kinney Moller Institute (MMMI), Faculty of Engineering, University of Southern Denmark.

Contents of the Programme

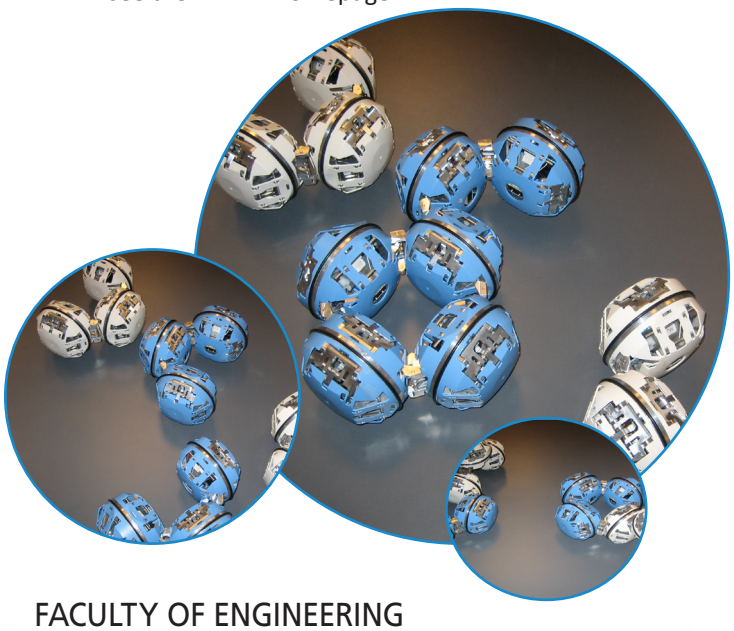
After a first semester of introduction to the field of software-intensive systems, the following two semesters of the programme consist of course work, where students follow courses in selected software engineering concepts and tools, including agent-oriented programming, knowledge and information management, software evolution, and programming languages. Projects are used to link theoretical material to the concrete application domains of the software research group, which includes anti-terror tools, intelligent eldercare, industrial control systems, and robotics. The last semester of the programme is spent working on the Master's thesis. The choice of thesis topic is open, but topics are normally related to ongoing research projects at MMMI, to ensure that the thesis work is at a high international level.

The degree, with its focus on developing innovative software solutions in challenging domains, combined with a focus of translating novel research results into practical solutions, qualifies graduates for employment in industry or further study towards the degree of PhD.

Research Group

The MMMI software group studies software in relation to languages, methodologies, and technologies for development of software intensive systems (focusing on non-functional qualities exemplified by reliability and maintainability) concerning collaborating software agents, robots, and people in evolving and alternating environments.

The group has participated in the development of a wide range of software-intensive systems. For more information, see the MMMI homepage.



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