



**CDS
RESEARCH CENTER DYNAMIC SYSTEMS
SYSTEMS ENGINEERING**

World's Leading Conference in the Field of Stimulation and Analysis of Biological, Biotechnological and Medical Processes

14.10.2016 - For decoding medical and biological processes, the employment of modern, computer-based methods stimulation, analysis and modeling becomes inevitable. These methods allow for the unraveling of basic intracellular mechanisms and early diagnosis as well as therapy of diseases.

For the first time, this year's **6th conference** on the subject of „**Foundations of Systems Biology in Engineering**“ (FOSI 2016), which is jointly held by the *International Federation of Automatic Control – IFAC* and the society for *Computer Aided Chemical Engineering – CACHE*, took place in Magdeburg. From October 9th to October 12th, 150 mainly international scientists were given the opportunity to exchange ideas and initiate new collaborations. The conference was run and hosted by the **Chair for Systems Theory and Automatic Control** (<http://ifatwww.et.uni-magdeburg.de/syst/index.shtml>) in the direction of **Prof. Rolf Findeisen**. (<https://www.ovgu.de/Findeisen.html>)

The meeting started off with workshops that held more than 50 participants, taking place in the research building of the CDS at Otto von Guericke University Magdeburg. The workshops were followed by the official opening reception, during which the participants were able to relax with beer, German potato salad and bratwurst.

The Johannis Church, in which already Martin Luther preached, was the venue of the scientific events. Many interesting talks could be attended in this historic ambience, but also the direct dialogue between individual scientists was encouraged during poster sessions. Besides many excellent lecturers, one highlight was clearly the **public talk given by Prof. Frank Doyle** - Dean of the School of Engineering and Applied Sciences at the Harvard University, who is a member of the scientific advisory board of the CDS. He reported on the newest, most promising therapeutic approaches for diabetes.

The guests' positive feedback certified the organizational team surrounding Prof. Findeisen a successful event. Hence, nothing speaks against repeating this event in a similar version.

Contact Prof. Dr.-Ing. Findeisen

Otto von Guericke University Magdeburg

Faculty of Electrical Engineering and Information
Technology

Institute for Automation Engineering (IFAT)

Universitätsplatz 2

39106 Magdeburg

Prof. Dr.-Ing. Rolf Findeisen

Tel.: +49 391 67-58708

 rolf.findeisen@ovgu.de

Prof. Dr.-Ing. Rolf Findeisen