

Curriculum vitae

(August 2019)



PERSONAL INFORMATION

Family name, First name: RUDERMAN MICHAEL
Date of birth: 16.07.1976
Civil status: married
Nationality: German
Researcher unique identifiers: ORCID: 0000-0002-7021-8713, Scopus author ID: 25651934300
URL for personal web site: <https://www.uia.no/en/kk/profile/michaeru>

EDUCATION

2012 Dr.-Ing. (magna cum laude), disputation: 08.05.2012.
Faculty of Electrical Engineering and Information Technology, Technical University (TU)
Dortmund, Germany
2005 Dipl.-Inf. in computer and electrical engineering
Faculty of Computer Sciences / Faculty of Electrical Engineering and Information
Technology, TU Dortmund, Germany

CURRENT AND PREVIOUS POSITIONS

2015-present Associate Professor
Department of Engineering Sciences, UiA, Norway
2015-2015 Specially appointed Associate Professor
Nagaoka University of Technology, Japan
2013-2015 Specially appointed Assistant Professor
Nagoya Institute of Technology, Japan
2006-2013 Research Associate
Institute of Control Theory and Systems Engineering, TU Dortmund, Germany

FELLOWSHIPS AND AWARDS

2015 Senior Member IEEE (Institute of Electrical and Electronics Engineers)
2017-2020 Marie Skłodowska-Curie fellow

SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

2016-2019 PhD research fellow at UiA, main supervisor
2018-2021 PhD research fellow at UiA, main supervisor

TEACHING ACTIVITIES

2015-present Lecturer and course responsible, "Control Theory" in Master Programme in
Mechatronics, UiA
2017-present Lecturer and course responsible, "Advanced Control and Robotics" in PhD Programme in
Mechatronics, UiA

ORGANISATION OF SCIENTIFIC MEETINGS

<i>2018-2020</i>	General Chair of IEEE-IES AMC2020 (http://ewh.ieee.org/conf/amc/2020/)
<i>2018-2021</i>	Co-Chair of IEEE-IES conferences: AMC2018, ICM2019, ICM2021
<i>2018-present</i>	Chair of IEEE-IES Technical Committee on Motion Control (TCMC)
<i>2018-present</i>	Technical Program Track Co-Chair at IEEE-IES ISIE and IECON conferences
<i>2014-present</i>	Organizer of several Special Sessions and tutorials at IEEE-IES conferences
<i>2015</i>	Appointed Publication Co-Chair of IEEE-IES conference ICM2015

INSTITUTIONAL RESPONSIBILITIES

<i>2015-present</i>	Member of the PhD Programme Committee Engineering (PPCE) at Department of Engineering Sciences, UiA
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COMMISSIONS OF TRUST

<i>2018-present</i>	Member of Editorial Board (Technical Editor), IEEE/ASME Transactions on Mechatronics
<i>2015-present</i>	Member of Editorial Board (Associate Editor), IFAC Mechatronics Journal
<i>2018-present</i>	AdCom Member (with voting right) of Industrial Electronics Society IEEE-IES
<i>2019-2020</i>	Guest Editor of Special Section in IEEE Transactions on Industrial Electronics
<i>2017-2018</i>	Guest Editor of Special Section in IEEE Transactions on Industrial Informatics
<i>2012-present</i>	Regular reviewer for multiple IEEE, IFAC, ASME journals and conferences

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

<i>2007-present</i>	VDI – Association of German Engineers
<i>2008-present</i>	IEEE – Institute of Electrical and Electronics Engineers
<i>2011-present</i>	IEEE-IES – Industrial Electronics Society
<i>2012-present</i>	IEEE-CSS – Control Systems Society
<i>2013-present</i>	Member of Technical Committees: IEEE-IES TCMC, TC-SA, TCFA, IFAC-TC 4.2
<i>2019-present</i>	Member of Executive Committee of Technical Committee on Variable Structure and Sliding Mode Control (TCVSSMC) of IEEE-CSS

TRACK RECORDS

Publications: h-index 16 (Scopus); 26 published peer-reviewed international journal articles, 1 book chapter, 69 peer-reviewed international conference papers, 5 journal articles under review

Recent research projects with leadership role

2017-2020: H2020-MSCA-RISE project Clover – Robust control, state estimation and disturbance compensation for highly dynamic environmental mechatronic systems (consortium coordination with TU Ilmenau, Germany). At UiA – Principal Investigator and Leader of WP2.

2019-2020: RCN IS-DAAD project – Dynamics and Control of Fractional-Order Systems. At UiA – Principal Investigator from Norwegian institution.