Name:	**Mathias Noe**
Affiliation	Karlsruhe Institute of Technology (KIT), Germany
Position:	Director, Institute for Technical Physics Professor for Energy Applications of High-Temperature Superconductivity at KIT
Previous Positions:	Group Leader, Superconducting power system applications, Institute of Technical Physics, Research Center Karlsruhe, Germany Research scientist, Institute of Technical Physics, Research Center Karlsruhe, Germany Post-Doc position at Ecole Polytechnique Federale de Lausanne, Switzerland
Education	University of Hanover, Germany, Ph.D. 1998 Electrical Engineering University of Hanover, Germany, Diploma, 1991, Electrical Engineering
Research Interests/Areas of Expertise:	Superconducting power system components (e.g. cables, generators, transformers, fault current limiters, superconducting energy storage); power system calculations, Fusion technology (e.g. superconducting magnets, current leads, fuel cycle including tritium processing and vacuum systems), Cryogenic high voltage engineering, economic evaluations and power system studies.
Publications:	more than 100 papers (for example IEEE Transactions on Applied Superconductivity, CIGRE, Superconductor Science and Technology) >2000 citations, h index: 16
Approximate Number of Years in Applied Superconductivity:	25
Membership in Professional Societies	CIGRE the International Council on Large Electric Systems, VDE the Association for Electrical, Electronic & Information Technologies, Germany
Previous ASC Service	Program Committee Member of ASC; ASC session chair since 2002; ASC short course lecturer 2004, 2006, 2008 ASC board member as ESAS president from 2011-2015 Main editor large scale applications ASC 2014
Service to Related Conferences	EUCAS program board (since 2009); Scientific Committee of International Magnet Conference Series (since 2006); Co-organizer of ESAS summer school on superconducting materials and applications (since 2007)