



## Conference Agenda

Overview and details of the sessions of this conference. Please select a date or location to show only sessions at that day or location. Please select a single session for detailed view (with abstracts and downloads if available).

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### Session Overview

#### Date: Monday, 22/May/2023

3:00pm	Registration
-	
6:00pm	
6:00pm	Reception
-	
8:00pm	

#### Date: Tuesday, 23/May/2023

8:30am	Opening		
-			
9:00am	Keynote		
-			
10:00am	OA1: Mathematical modelling and formulations		
-	Chair: Prof. Tetsuji Matsuo, Kyoto University, Japan		
10:40am	Chair: Prof. David Lowther, McGill University, Canada		
10:40am	Coffee break		
-			
11:00am	PA-M1: Multi-physics and coupled problems/Bio-magnetic computation 1	PA-M2: Static and quasi-static fields 1	PA-M3: Optimization and design 1
-	Chair: Prof. Manfred Kaltenbacher, TU Graz, Austria	Chair: Prof. Luca Di Rienzo, Politecnico di Milano, Italy	Chair: Prof. Alessandro Formisano, Universita' della Campania Luigi Vanvitelli, Italy
12:30pm	Lunch		
-			
1:50pm	PA-A1: Numerical techniques 1	PA-A2: Electric machines and devices/Education/Sensing 1	PA-A3: Mathematical modelling and formulations 1
-	Chair: Dr. Hidenori Sasaki, Hosei University, Japan	Chair: Prof. Hyun Ho Park, The University of Suwon, Korea, Republic of (South Korea)	Chair: Prof. Ursula van Rienen, University of Rostock, Germany
3:20pm	Coffee break		
-			
3:40pm	OA2: Material modelling/Multi-Physics		
-	Chair: Prof. Stéphane Clénet, Arts et Métiers Science and Technology, France		
5:20pm	Chair: Prof. Jan Sykulski, University of Southampton, United Kingdom		

#### Date: Wednesday, 24/May/2023

9:00am	OB1: Multi-scale modelling and homogenization		
-	Chair: Prof. Arnulf Kost, Technische Universität Berlin, Germany		
10:40am	Chair: Prof. Anouar Belahcen, Aalto University, Finland		
10:40am	Coffee break		
-			
11:00am	PB-M1: Electric machines and devices/Education/Sensing 2	PB-M2: AI and machine learning technologies/Software methodology 1	PB-M3: Material modeling/Multi-scale modeling and homogenization 1
-	Chair: Dr. Sang-Yong Jung, Sungkyunkwan University, Korea, Republic of (South Korea)	Chair: Prof. Markus Clemens, University of Wuppertal, Germany	Chair: Prof. Guillaume Parent, Artois University, France
12:30pm	Lunch		
-			
1:50pm	PB-A1: Numerical techniques 2	PB-A2: Optimization and design 2	
-	Chair: Dr. Zsolt Badics, Tensor Research, LLC, United States of America	Chair: Olivier Brun, G2ELab, France	
3:20pm	Coffee break		
-			
3:40pm			

3:40pm -	<b>OB2: Novel computational methods for electric machines and devices</b> Chair: <b>Prof. Joao Bastos</b> , Univ Federal Santa Catarina, Brazil Chair: <b>Prof. Ruth V. Sabariego</b> , KU Leuven, Belgium
5:20pm	

**Date: Thursday, 25/May/2023**

9:00am -	<b>OC1: Static and quasi-static fields/ Wave propagation</b> Chair: <b>Prof. Sami Barmada</b> , Universita di Pisa, Italy Chair: <b>Prof. Herbert De Gerssem</b> , TU Darmstadt, Germany		
10:40am			
10:40am -	<b>Coffee break</b>		
11:00am			
11:00am -	<b>PC-M1: AI and machine learning technologies/Software methodology 2</b> Chair: <b>Prof. Soichiro Ikuno</b> , Tokyo University of Technology, Japan	<b>PC-M2: Material modeling/Multi-scale modeling and homogenization 2</b> Chair: <b>Prof. Didier Trichet</b> , Nantes University / IREENA Lab, France	<b>PC-M3: Mathematical modelling and formulations 2</b> Chair: <b>Prof. Yasushi Kanai</b> , Niigata Institute of Technology, Japan
12:30pm			
12:30pm -	<b>Lunch</b>		
1:50pm			
1:50pm -	<b>PC-A1: Numerical techniques 3</b> Chair: <b>Prof. Katsumi Yamazaki</b> , Chiba Institute of Technology, Japan	<b>PC-A2: Optimization and design 3</b> Chair: <b>Prof. Fabio Freschi</b> , Politecnico di Torino, Italy	
3:20pm			
3:20pm -	<b>Coffee break</b>		
3:40pm			
3:40pm -	<b>OC2: AI and machine learning technologies</b> Chair: <b>Prof. Oszkar Biro</b> , Budapest University of Technology and Economics, Hungary Chair: <b>Prof. Zhuoxiang Ren</b> , Sorbonne University, France		
5:20pm			
7:00pm -	<b>Conference Dinner</b>		
9:00pm			

**Date: Friday, 26/May/2023**

9:00am -	<b>OD1: Numerical techniques</b> Chair: <b>Dr. Maurizio Repetto</b> , Politecnico di Torino, Italy Chair: <b>Prof. Shiyong Yang</b> , Zhejiang University, China, People's Republic of		
10:40am			
10:40am -	<b>Coffee break</b>		
11:00am			
11:00am -	<b>PD-M1: Static and quasi-static fields 2</b> Chair: <b>Prof. Xiaojun Zhao</b> , North China Electric Power University, China, People's Republic of	<b>PD-M2: Wave propagation/Electromagnetic compatibility</b> Chair: <b>Prof. Shinji Wakao</b> , Waseda University, Japan	<b>PD-M3: Multi-physics and coupled problems/Bio-magnetic computation 2</b> Chair: <b>Dr. Yanhui Gao</b> , Oita University, Japan
12:30pm			
12:30pm -	<b>Lunch</b>		
1:50pm			
1:50pm -	<b>OD2: Optimization and design</b> Chair: <b>Prof. Jozsef Pavo</b> , Budapest University of Technology and Economics, Hungary Chair: <b>Prof. Zhenmao Chen</b> , China, People's Republic of		
3:30pm			
3:30pm -	<b>Closing</b>		
4:00pm			

**Date: Monday, 29/May/2023**

all day	<b>PO1: Online poster session 1: Mathematical modelling/ Numerical techniques</b> Chair: <b>Prof. Yuki Hidaka</b> , Nagaoka University of Technology, Japan	<b>PO2: Online poster session 2: Electric machines and devices/ Material modelling</b> Chair: <b>Prof. Yasuhito Takahashi</b> , Doshisha University, Japan	<b>PO3: Online poster session 3: Optimization/ AI and machine learning</b> Chair: <b>Dr. Takahiro Sato</b> , Muroran Institute of Technology, Japan
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