
Session Title	[OD1] Novel Computational Methods for machines & Devices
Date and Time	June 22 (Thursday) / 09:00-10:40
Place	Grand Ballroom (2F, 201)
Session Chair	To be Announced

OD1-1	09:00-09:20
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Proper Generalized Decomposition Applied on a Rotating Electrical Machine

Montier, Laurent (1,2); Henneron, Thomas (1); Clénet, Stéphane (1); Goursaud, Benjamin (2)
 1: Univ. Lille, Centrale Lille, Arts et Métiers Paris Tech, HEI, EA 2697, France; 2: EDF R&D, THEMIS, 7
 Boulevard Gaspard Monge, 91120 Palaiseau, France

OD1-2	09:20-09:40
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System Level Multi-objective Optimization Method for Electrical Drive Systems

Lei, Gang; Zhu, Jianguo; Guo, Youguang
 University of Technology Sydney, Australia

OD1-3	09:40-10:00
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The Role of Temperature-dependent Material Properties in Optimizing the Design of Permanent Magnet Motors

Ghorbanian, Vahid; Hussain, Sajid; Hamidizadeh, Sara; Chromik, Richard; Lowther, David
 McGill University, Canada

OD1-4	10:00-10:20
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Comparison of two forward solution approaches in Lorentz Force Evaluation

Dölker, Eva-Maria; Schmidt, Reinhard; Weise, Konstantin; Petković, Bojana; Ziolkowski, Marek; Brauer, Hartmut; Haueisen, Jens
 Technische Universität Ilmenau, Germany

OD1-5	10:20-10:40
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Iron-Loss Modelling based on a Loss-Separation Approach in Modelica

Kapeller, Hansjörg (1); Plaßnegger, Bernd (1); Gragger, J.V. (1); Müllner, Florian (2); Neudorfer, H. (2)
 1: AIT Austrian Institute of Technology GmbH, Austria; 2: TSA Traktionssysteme Austria GmbH