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Session Organizer: Bill Peterson, E&M Power, USA

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A. Nasiri, S. B. Bekiarov, A. Emadi, Illinois Institute of Technology, USA

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Sidélm M. Silva, Sandro Eliason da Silveira, André de Souza Reis, Braz J. Cardoso Filho, Universidade Federal de Minas Gerais, BRAZIL

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Session Chair: John Siefken, ABB Semiconductors Inc., USA
Session Organizer: W. G. Odendaal, Virginia Polytechnic Institute, USA

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X. Kang, L. Lu, X. Wang, E. Santi, J. L. Hudgins, University of South Carolina, USA;
P. R. Palmer, University of Cambridge, UK;
J. F. Donlon, Powerex Incorporated, USA

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Session Chair: Rob Cuzner, DRS Power and Control Technologies, USA
Session Organizer: Rob Cuzner, DRS Power and Control Technologies, USA

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PRODUCTION AND APPLICATION OF LIGHT

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Session Chair: Gunther Loehman, Osram GmbH, GERMANY
Session Organizer: Bill Peterson, E&M Power, USA

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Session Organizer: Matt Dozier, iDesign Systems, Inc., USA

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Session Chairs: Kambadkone Ashwin, National University of Singapore, SINGAPORE; Nicholas Nagel, MPC Products, USA
Session Organizer: Barbara Kenny, NASA Glenn Research Center, USA

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Yo-Chan Son, Fairchild Semiconductor Korea, KOREA

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Michael W. Degner, Ford Motor Company, USA;
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Jorma Luomi, Helsinki University of Technology, FINLAND

Inverter Nonlinearity Effects in High Frequency Signal Injection-based, Sensorless Control Methods
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Antonio Zamarrón, Technological Institute of León, MÉXICO

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Session Chair: J. Reichard, Integrated Electronics, USA
Session Organizer: G. Venkataramanan, University of Wisconsin–Madison, USA

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Hamish Laird, Simon Round, University of Canterbury, NEW ZEALAND

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Session Chair: Norbert Froehleke, University of Paderborn, GERMANY; Dennis Braun, Rockwell Automation, USA
Session Organizer: W. G. Odendaal, Virginia Polytechnic Institute, USA

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Session Organizer: John Shelton, Dow Chemical, USA

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Session Chair: Prafulla Pillai, Kellogg Brown & Root, USA
Session Organizer: Terry Stringer, Artwel Electric, USA

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Charles J. Kim, Howard University, USA;
Seung-Jae Lee, Sang-Hee Kang, Myongji University, KOREA

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Gerald Dalke, Basler Electric, USA

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Edilberto Pereira Teixeira, Universidade de Uberaba, BRAZIL;
Marco Antônio Basso, Cargill Agricola S/A, BRAZIL

Cost Optimized Strategy for Overvoltage Protection of Industrial Power Systems
Matthias Berth, Kaveh Niayesh, ABB Switzerland Ltd., SWITZERLAND

More About Arc-Fault Circuit Interrupters
George D. Gregory, Kon Wong, Robert Dvorak, Schneider Electric, USA

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Session Chair: Bill Braun, Owens Corning Science & Tech., USA
Session Organizer: Don Koval, University of Alberta, CANADA

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Miguel Vega, Héctor G. Sarmiento, Instituto de Investigaciones Eléctricas, MEXICO

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A. A. Chowdhury, MidAmerican Energy Company, USA;
D. O. Koval, University of Alberta, CANADA

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Session Chair: Uday Deshpande, Black & Decker, USA
Session Organizer: Ronghui Qu, General Electric, USA

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Ramzy R. Obaid, Thomas G. Habetler, Georgia Institute of Technology, USA

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Jason R. Stack, United States Navy, USA;
Thomas G. Habetler, Ronald G. Harley, Georgia Institute of Technology, USA

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Francesco Cupertino, Elisabetta de Vanna, Luigi Salvatore, Silvio Stasi, Politecnico di Bari, ITALY

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H. Henao, G. A. Capolino, University of Picardie “Jules Verne”, FRANCE;
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Gerald B. Kliman, Rensselaer Polytechnic Institute, USA;
W. Tony Mall, N. Kutty Nair, R. Mark Lusted, GE Power Systems, USA

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ELECTRIC MACHINES

Special Permanent Magnet

General Torque Equation Capable of Including Saturation Effects for a Single Phase Surface Mounted Permanent Magnet Transverse Flux Machine
K. Y. Lu, E. Ritchie, P. O. Rasmussen, Aalborg University, DENMARK;
P. Sandholdt, Sauer-Danfoss (Nordborg) A/S, DENMARK

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R. G. Harley, Georgia Institute of Technology, USA;
T. G. Habetler, Georgia Institute of Technology, USA

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Thomas A. Lipo, University of Wisconsin–Madison, USA

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Masatsugu Takemoto, Michio Uyama, Hirofumi Akagi, Tokyo Institute of Technology, JAPAN;
Akira Chiba, Science University of Tokyo, JAPAN;
Tadashi Fukao, Musashi Institute of Technology, JAPAN

Design of Direct-Drive, Low-Speed PM Machines
G. M. Pellegrino, F. Villata, P. Guglielmi, A. Vagati, Politecnico di Torino, ITALY

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