

JMAG Users Conference in Tokyo

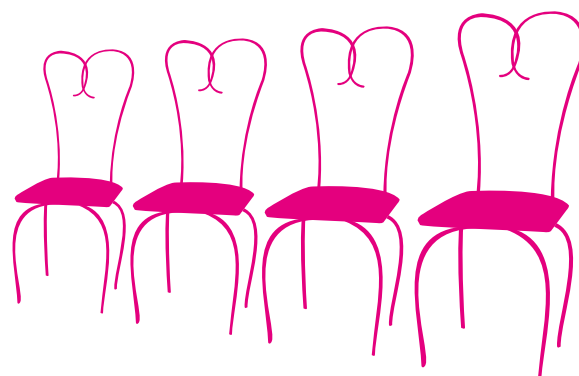
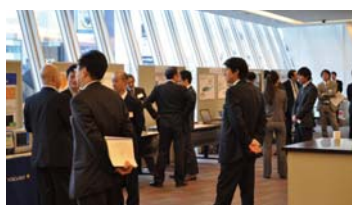
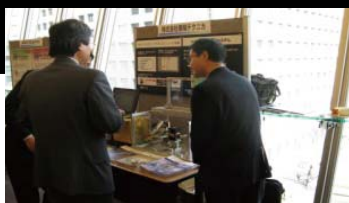
Tokyo Conference Center - Shinagawa

AREA Shinagawa 1-9-36 Konan, Minato-ku, Tokyo, JAPAN

Expected number of participants: Approximately 400

Registration Fees: JMAG Users: Free
General Admission: ¥52,500
(with tax, includes lunch)

12 - 13 December 2012








Seating is Limited so Register Online Today!

www.jmag-international.com/event/conference2012/





Program

Wednesday, December 12

 : Seminars with this mark offer simultaneous Japanese-English interpretation.

9:00	Registration	
9:30	Opening ceremony	
9:40	Development planning of JMAG I	JSOL Corp. 
10:40	Keynote Speech 	
	Loss analysis and shape optimization of rotating machines	Chiba Institute of Technology
11:40	Break (Lunch)	
12:40	Motor Design1 Session	Power, Large Machinery Session 
	Development of Cylindrical Linear Motor for Lift-Motion	YASKAWA ELECTRIC CORPORATION
13:10	About magnetization of magnets in small motors.	Technical Denji Sokki Co.,LTD
13:40	Analysis of the SR Motor Torque Ripple and Torque Ripple Reduction Method	SAMSUNG YOKOHAMA RESEARCH INSTITUTE
		Design of Large electric Rotating Machinery using FEM Analysis TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
		The Design of Superconducting Magnet using JMAG Sumitomo Heavy Industries, Ltd.
14:10	Break	
14:20	Technical Session (in English) In the technical sessions, JMAG technicians will make presentations of the topics listed below. We believe that all these topics are really practical when you use JMAG. By all means, please attend the sessions. Partner Seminar: High fidelity HILS and RCP for motor control development (in Japanese) dSPACE JAPAN K.K. Partner Seminar: Ideal to Electrical Implementation: SaberRD & JMAG-RT Case Study in a Motor Drive System Synopsys, Inc. •Approaches to the vibration noise analysis of electric machinery •JMAG-RT seminar -aiming to achieve the high fidelity and highly secure motor model- •Tips for utilizing the parametric function •A multiphysics analysis using link and coupling functions -methods to link to the other CAE software-	
16:20	Break	
16:30	Designers Distribution Session	Coupled/Linked Analysis Session 
	Efforts to make prevalent Magnetic Field Analysis-centered CAE in Miki Pulley Co., Ltd.	MIKI PULLEY CO.,LTD
17:00	Practical use of JMAG-Designer in motor development	RYOBI LIMITED
17:30	Development of the IPM motor using JMAG-SuperExpress	Panasonic Corporation, Appliances Company
		Integrated Acoustic Simulation of a Switched Reluctance Motor Drivetrain as part of a Multi-physics approach to Electric Vehicle Optimization LMS International
		Creating Simulation Models based on Measuring Results of Brushed DC-Motors using JMAG-Designer Valeo Wiper System, Bietigheim
		Miniaturization Design Method and Performance Evaluation of Prototype Permanent-Magnet Synchronous Motor Optimally Designed by Thermo-Magnetic Field Coupling Analysis Hitachi, Ltd
18:00	Close	

Thursday, December 13

9:00	Registration	
9:00	Morning Session	Morning Session 
	Introduction to new features of the JMAG series	JSOL Corp.
9:30	Operation Technique Session	Motor Design2 Session 
	Efficient 3-dimensional optimization technology for high-precise magnetic rotation angle sensor	Tamagawa-Seiki Co., Ltd.
10:00	Case study of JMAG application at Mitsuba Corporation	MITSUBA Corporation
10:30	The development of preliminary design automation system for HEV-EV motor	SUZUKI MOTOR CORPORATION
11:00	Case study of the electromagnetic analysis of a high-speed motor (using the JMAG-GPU solver).	Shimadzu Corporation
		Evaluation of Different Electrical Steels and Iron Loss evaluation of inter-locks vs welds vs bonded lamination cores in IPM Hybrid Motor using JMAG. Tempel
		Development of Rare Earth Saving Magnet by Partial Diffusion Method Honda R&D Co.,Ltd.
		Vibration Optimization of Concentrated Stator and IPM Rotor Emerson
		The simulation of the IPM motor in the HILS environment Toshiba Corporation
11:30	Break (Lunch)	
12:30	Technical Session (in English) In the technical sessions, JMAG technicians will make presentations of the topics listed below. We believe that all these topics are really practical when you use JMAG. By all means, please attend the sessions. •Approaches to the vibration noise analysis of electric machinery •JMAG-RT seminar -aiming to achieve the high fidelity and highly secure motor model- •Tips for utilizing the parametric function •A multiphysics analysis using link and coupling functions -methods to link to the other CAE software-	
14:30	Break	
14:40	Utilization Technique Session	Partner Seminar 
	Approach of electromagnetic-field analysis in digital AV equipment	Panasonic Corporation
15:10	Development of Advanced Keyless System Using Magnetic Field CAE.	Mazda Motor Corporation
15:40	Attraction force analysis using remanent magnetization	USUI KOKUSAI SANGYO KAISHA, LTD.
		Multi-physics simulation between JMAG and Abaqus, and its applicability to three-field simulation of cell phone speaker acoustic response Dassault Systemes SIMULIA
16:10	Motor Design3 Session	Motor Design3 Session 
	Design of Switched Reluctance Motor by JMAG for Automotive traction application	NIDEC CORPORATION
16:40	Development planning of JMAG II	JSOL Corp. 
17:20	Close	

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