

# IAS 2007 TECHNICAL PROGRAM SCHEDULE

## MONDAY TECHNICAL SESSIONS

Session 01—Power Quality, Casting, Precision Electric Cutting	Napoleon A1	8:00 AM – 12:00 PM
Session 02—Micro-, Nano-, and Molecular Electrostatics	Napoleon A2	8:00 AM – 12:00 PM
Session 04—Material and Thermal Analysis	Napoleon B1	8:00 AM – 12:00 PM
Session 05—Interior Permanent Magnet Machines	Napoleon B2	8:00 AM – 12:00 PM
Session 06—Power Conversion Interfaces to Alternative Energy Sources	Napoleon B3	8:00 AM – 12:00 PM
Session 07—AC Source Bidirectional Applications	Napoleon C1	8:00 AM – 12:00 PM
Session 08—Drives I	Napoleon C2	8:00 AM – 12:00 PM
Session 09—Low-cost Motor Drive Systems for Appliances	Napoleon D1	8:00 AM – 12:00 PM
Session 10—Semiconductor Device Modeling	Napoleon D2	8:00 AM – 12:00 PM
Session 11—Tandem Cold Mill, Strip Reliability, Power Quality	Napoleon A1	2:00 PM – 6:00 PM
Session 12—Electrostatic Measurements and Materials	Napoleon A2	2:00 PM – 6:00 PM
Session 13—HID Lamps and Ballasts	Napoleon A3	2:00 PM – 6:00 PM
Session 14—Special Machines and Actuators	Napoleon B1	2:00 PM – 6:00 PM
Session 15—Permanent Magnet Machines II	Napoleon B2	2:00 PM – 6:00 PM
Session 16—Multilevel Converters	Napoleon B3	2:00 PM – 6:00 PM
Session 17—Fuel Cell Applications	Napoleon C1	2:00 PM – 6:00 PM
Session 18—Sensorless Drives I	Napoleon C2	2:00 PM – 6:00 PM
Session 19—Energy Management and Conversion in Connected Homes	Napoleon D1	2:00 PM – 6:00 PM
Session 20—Semiconductor Applications, Capacitors and Batteries	Napoleon D2	2:00 PM – 6:00 PM

## TUESDAY TECHNICAL SESSIONS

Session 21—Energy Systems I	Napoleon A1	8:00 AM – 12:00 PM
Session 22—Industrial Electrostatics	Napoleon A2	8:00 AM – 12:00 PM
Session 23—Lamps, Ballasts, and Applications	Napoleon A3	8:00 AM – 12:00 PM
Session 24—PM Design and Optimization	Napoleon B1	8:00 AM – 12:00 PM
Session 25—Power System Protection I	Napoleon B2	8:00 AM – 12:00 PM
Session 26—Utility Interface and Power Quality I	Napoleon B3	8:00 AM – 12:00 PM
Session 27—Industrial Controls	Napoleon C1	8:00 AM – 12:00 PM
Session 28—Induction Drives	Napoleon C2	8:00 AM – 12:00 PM
Session 29—Appliance Electronic Control Solutions	Napoleon D1	8:00 AM – 12:00 PM
Session 30—Advancements, Innovations and Applications of Power Device Components	Napoleon D2	8:00 AM – 12:00 PM
Session 31—Energy Systems II	Napoleon A1	2:00 PM – 6:00 PM
Session 32—Electrical Discharges	Napoleon A2	2:00 PM – 6:00 PM
Session 33—LEDs and Drivers	Napoleon A3	2:00 PM – 6:00 PM
Session 34—Induction Machines I	Napoleon B1	2:00 PM – 6:00 PM
Session 35—Power System Protection II	Napoleon B2	2:00 PM – 6:00 PM
Session 36—IPCC Products and Services	Napoleon B3	2:00 PM – 6:00 PM
Session 37—Motion Control Systems	Napoleon C1	2:00 PM – 6:00 PM
Session 38—PM Drives I	Napoleon C2	2:00 PM – 6:00 PM
Session 39—Safety and Productivity	Napoleon D1	2:00 PM – 6:00 PM
Session 40—Thermal, Packaging and Sensing	Napoleon D2	2:00 PM – 6:00 PM

## WEDNESDAY TECHNICAL SESSIONS

Session 41—Energy Systems III	Napoleon A1	8:00 AM – 12:00 PM
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Session 42—Non-Thermal Plasma Reactors	Napoleon A2	8:00 AM – 12:00 PM
Session 43—Power System Reliability / Power System Design	Napoleon A3	8:00 AM – 12:00 PM
Session 44—Permanent Magnet Machines I	Napoleon B1	8:00 AM – 12:00 PM
Session 45—Utility Interface and Power Quality II	Napoleon B2	8:00 AM – 12:00 PM
Session 46—Active Power Filters	Napoleon B3	8:00 AM – 12:00 PM
Session 47—Intelligent Controls	Napoleon C1	8:00 AM – 12:00 PM
Session 48—Automotive	Napoleon C2	8:00 AM – 12:00 PM
Session 49—High-power Converters and Drives	Napoleon D1	8:00 AM – 12:00 PM
Session 50—Magnetics	Napoleon D2	8:00 AM – 12:00 PM
Session 51—Advanced Controls	Napoleon A1	2:00 PM – 6:00 PM
Session 52—Pollution Control, Methods and Devices	Napoleon A2	2:00 PM – 6:00 PM
Session 54—Faults and Diagnostics I	Napoleon B1	2:00 PM – 6:00 PM
Session 55—PWM and Control Techniques	Napoleon B3	2:00 PM – 6:00 PM
Session 56—DC/DC Converters	Napoleon C1	2:00 PM – 6:00 PM
Session 57—Drives II	Napoleon C2	2:00 PM – 6:00 PM
Session 58—Instrumentation and Control	Napoleon D1	2:00 PM – 6:00 PM
Session 59—Power Systems Engineering / MOS	Napoleon D2	2:00 PM – 6:00 PM

#### **THURSDAY TECHNICAL SESSIONS**

Session 60—PM Drives II	Napoleon A1	8:00 AM – 12:00 PM
Session 61—Electrostatic Hazards	Napoleon A2	8:00 AM – 12:00 PM
Session 63—Reluctance Machines	Napoleon B1	8:00 AM – 12:00 PM
Session 64—Faults and Diagnostics II	Napoleon B2	8:00 AM – 12:00 PM
Session 65—Design, Modeling and Analysis of Power Converters	Napoleon B3	8:00 AM – 12:00 PM
Session 66—Control of Power Converters	Napoleon C1	8:00 AM – 12:00 PM
Session 67—Sensorless Drives II	Napoleon C2	8:00 AM – 12:00 PM
Session 68—Power System Analysis / Power Quality	Napoleon D2	8:00 AM – 12:00 PM
Session 69 – Power System Engineering Panel Session	Napoleon A3	8:00 AM – 10:00 AM