

Sunday, October 3, 2004		
	Location	Time
IEEE IAS Conference Registration	Entire Grand Foyer	
Guest Hospitality		
IEEE IAS Guest Hospitality Suite	Seattle Suite	8:00 am - 6:00 pm
TUTORIALS		
Tutorial #1		
Machines	Grand Crescent	8:00 am - 5:00 pm
Tutorial #2		
Electric Drives and Their Control: From Understanding Basics to Designing for Advanced Control and Encoder-Less Operation	Vashon	8:00 am - 5:00 pm
Tutorial #3		
AC and DC Drive/Motor Selection in Industrial Applications	Cascade 1A	8:00 am - 5:00 pm
Tutorial #4		
Understanding Failure Modes, Protection, and Reliability of Industrial Power Converters	Cascade 1B	8:00 am - 12:00 Noon
Forensic Electrical Engineering: Engineering, Medical, and Legal Aspects	Cascade 1B	1:00 pm - 5 :00 pm
Tutorial #5		
Servo Drives	Cascade 1C	8:00 am - 12:00 Noon
COMMITTEE MEETING'S/ROOMS		
PELS AdCom Meeting	Room 1/Olympic	7:30 am - 5:00 pm
Tech. Books Coodination Committee	Room 2/Blakely	2:00 pm - 4:00 pm
Future Engergy Challenge	Blakely	4:30 pm - 6:00 pm
Industrial Power Conversion Systems Dept.	Blakely	8:00 pm - 10:00 pm
PSP Executive Committee	Room 3/Stuart	4:00 pm - 5:00 pm
PSE Executive Committee	Room 4/Orcas	4:00 pm - 5:00 pm
Orange Book WG	Room 5/Whidbey	1:00 pm - 4:00 pm
IAS Executive Board Committee Meetings	Room 6/Cascade II	7:30 am - 5:00 pm
IEEE IAS Welcome Reception	Grand 2 & 3	6:00 pm - 7:00 pm
Monday, October 4, 2004		
Author's Breakfast		
IEEE IAS Conference Registration	Entire Grand Foyer	
IEEE IAS Guest Hospitality Suite	Seattle Suite	8:00 am - 6:00 pm
Committee Room #1		
Forensics WG	Blakely	8:00 am - 10:00 am

Yellow Book WG	Blakely	10:00 am - 11:00 am
Maintenance, Operation, and Safety SC	Blakely	11:00 am - 12 noon
PSE Technical Program Luncheon	Blakely	12:00 pm - 1:30 pm
Emergency and Standby Power Systems SC	Blakely	1:30 pm - 2:30 pm
Bronze Book WG	Blakely	2:30 pm - 3:30 pm
Utility Deregulation SC	Blakely	3:30 pm - 4:30 pm
Energy Systems Committee	Blakely	4:30 pm - 6:00 pm
Committee Room #2		
Green Book WG	Orcas	8:00 am - 9:00 am
Grounding SC	Orcas	9:00 am - 10:00 am
Red Book SC	Orcas	10:00 am - 12:00 pm
Reliability SC	Orcas	1:30 pm - 2:30 pm
Design SC	Orcas	3:30 pm - 4:30 pm
Power System Engineering Committee	Orcas	4:30 pm - 6:00 pm
Committee Room #3		
Blue Book WG	Baker	8:00 pm - 9:00 am
Buff Book WG	Baker	9:00 am - 10:00 am
Generator Grounding WG	Baker	10:00 am - 11:00 am
Bus and Breaker Failure WG	Baker	11:00 am - 12:00 pm
Islanding WG	Baker	1:30 pm - 2:30 pm
Protection and Coordination SC	Baker	2:30 pm - 3:00 pm
Medium Voltage SC	Baker	3:00 pm - 3:30 pm
Surge Protection SC	Baker	3:30 pm - 4:00 pm
Low Voltage SC	Baker	4:00 pm - 4:30 pm
Power System Protection Committee	Baker	4:30 pm - 6:00 pm
Committee Room #4		
Equipment Reliability WG	Adams	8:00 AM - 9:00 AM
Reliability Analysis Techniques WG	Adams	9:00 am - 10:00 am
Voltage Sag WG	Adams	10:00 am - 11:00 am

Gold Book WG	Adams	11:00 am - 12:00 pm
Harmonics WG	Adams	1:30 pm - 2:30 pm
Brown Book WG	Adams	2:30 pm - 3:30 pm
Power System Analysis SC	Adams	3:30 pm - 4:00 pm
Power Quality SC	Adams	4:00 pm - 4:30 pm
Future Energy Challenge	Adams	4:30 pm - 6:00 pm
Committee Room #5		
Emerald Book WG	Stuart	8:00 am - 10:00 am
White Book WG	Stuart	10:00 am - 11:00 am
Gray Book WG	Stuart	11:00 am - 12:00 pm
P1605 WG	Stuart	1:30 pm - 2:30 pm
P1606 WG	Stuart	2:30 pm - 3:20 pm
Codes and Standards Committee	Stuart	3:30 pm - 5:00 pm
Meetings Committee	Stuart	5:00 pm - 5:30 pm
The Chapters Workshop		
	Olympic	8:30 am -5:00 pm
Technical Session #1		
Session #1: Induction Motors - 1	Cascade II	8:00 am - 12:00 pm
Session #10: Special Machines	Cascade II	1:00 pm - 5:00 pm
Technical Session #2		
Session #2: Salient Pole Machines	Vashon II	8:00 am - 12:00 pm
Session #11: Switched Reluctance Machines	Vashon II	1:00 pm - 5:00 pm
Technical Session #3		
Session #3: Active Power Filters	Cascade 1A	8:00 am - 12:00 pm
Session #12: Products and Services	Cascade 1A	1:00 pm - 5:00 pm
Technical Session #4		
Session #4: Inverters	Cascade 1B	8:00 am - 12:00 pm
Session #13: Rectifiers	Cascade 1B	1:00 pm - 5:00 pm
Technical Session #5		
Session #5: Primary Metal & Caster	Vashon 1	8:00 am - 12:00 pm
Session #14: Power Quality, Robot Control, & Discharge Machining	Vashon 1	1:00 pm - 5:00 pm
Metals Industry Committee		
	Vashon 1	5:00 pm - 7:00 pm
Technical Session #6		
Session #6: Current Sensing Technologies	Grand Cresent	8:00 am - 12:00 pm

Session #15: Magnetic Components	Grand Cresent	1:00 pm - 5:00 pm
Technical Session #7		
Session #7: Plasma Reactors	Cascade 1C	1:00 pm - 5:00 pm
Session #16: Plasma Chemical Processes	Cascade 1C	1:00 pm - 5:00 pm
Technical Session #8		
Session #8: Permanent Magnet Motor Drives	St. Helens	8:00 am - 12:00 pm
Session #17: Induction Motor Drives	St. Helens	1:00 pm - 5:00 pm
Technical Session #9		
Session #9: Fluorescent Ballasts	5th Avenue	8:00 am - 12:00 pm
Session #18: HID Ballasts	5th Avenue	1:00 pm - 5:00 pm
Production and Application of Light Committee	5th Avenue	5:30 pm - 7:00 pm
IEEE IAS Myron Zucker Student Luncheon	Grand 2	12:00 pm - 2:00 pm
Tuesday, October 5, 2004	Location	Time
IEEE IAS Conference Registration	Entire Grand Foyer	
Author's Breakfast	Grand 2	7:00 am - 8:00 am
Technical Session #1		
Session #19: Diagnostics	Cascade II	8:00 am - 12:00 pm
Session #28: Permanent Magnet Machines - 1	Cascade II	2:00 pm - 5:30 pm
Electric Machines Committee	Cascade II	5:30 pm - 8:00 pm
Technical Session #2		
Session #20: Power Systems Reliability	Vashon	8:00 am - 12:00 pm
Session #29: Safety and Productivity in the Mining Industry	Vashon	2:00 pm - 5:30 pm
Mining Industry Committee	Vashon	5:30 pm - 7:30 pm
Technical Session #3		
Session #21: Multilevel Converters	Cascade 1A & 1B	8:00 am - 12:00 pm
Session #30: DC/DC Converters	Cascade 1A & 1B	2:00 pm - 5:30 pm
Technical Session #4		
Session # 22: Design, Control, and Analysis in Power Converters	Cascade 1C	8:00 am - 12:00 pm
Session # 31: Alternative Energy Applications	Cascade 1C	2:00 pm - 5:30 pm
Industrial Power Converter	Cascade 1C	5:30 pm - 7:00 pm
Technical Session #5		
Session# 23: Hot and Cold Rolling	Grand Cresent	8:00 am - 12:00 pm
Session# 32: Sensors, Measurements, Communication and Fault Detection	Grand Cresent	2:00 pm - 5:30 pm
Technical Session #6		
Session #24: Status of High Temp. Devices and Components	Grand I	8:00 am - 12:00 pm
POST AS: Session #33: SiC Device and High Performance Applications	Grand I	2:00 pm - 5:30 pm
Technical Session #7		
Session #25: Electrostatic Spraying and Biological Applications	Olympic	8:00 am - 12:00 pm
Session #34: Charging and Discharging	Olympic	2:00 pm - 5:30 pm

Technical Session #8

Session #26: Sensorless Permanent Magnet Motor Drives	St. Helens	8:00 am - 12:00 pm
Session #35: Sensorless Induction Motor Drives	St. Helens	2:00 pm - 5:30 pm

Technical Session #9

Session #27: Industrial Applications of Light	5th Avenue	8:00 am - 12:00 pm
Session #36: Lighting Systems	5th Avenue	2:00 pm - 5:30 pm

IEEE IAS Awards Reception (Invitation Only)

Presidential Suite	11:00 am - 12:00 pm
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IEEE IAS Awards Luncheon

Grand 3	12:00 pm - 2:00 pm
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IAS Awards Workshop

Stuart	2:00 pm - 5:00 pm
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IEEE IAS Annual Meeting Steering Committee

Blakely	8:00 am - 11:00 am
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ICPS Department Operation Committee

Blakely	3:00 pm - 5:00 pm
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Power Electronics Devices & Components

Blakely	5:30 pm - 7:30 pm
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Ad Hoc Committee on IAS PELS

Adams	2:00 pm - 6:00 pm
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Electrostatic Processes Committee

Olympic	6:00 pm - 7:00 pm
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Industrial Automation and Control Committee

Grand Crescent	6:00 pm - 8:00 pm
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Transactions Advisory Board

Baker	8:00 am - 11:00 am
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Magazine Advisory Board

Baker	1:00pm - 4:00 pm
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P1662**Publications Department Meeting**

Whidbey	8:00 am - 11:00 am
Whidbey	4:00 pm - 6:00 pm

Wednesday, October 6, 2004

Location	Time
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IEEE IAS Conference Registration	Entire Grand Foyer
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Author's Breakfast

Grand 2	7:00 am - 8:00 am
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Guest Hospitality

IEEE IAS Guest Hospitality Suite	Seattle Suite	8:00 am - 6:00 pm
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IEEE IAS Executive Board Meeting

Blakely	8:00 am - 12:00 pm
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Technical Session #1

Session #37: Permanent Magnet Machines - 2	Cascade II	8:00 am - 12:00 pm
Session #46: Permanent Magnet Machines - 3	Cascade II	1:00 pm - 5:00 pm

Technical Session #2

Session#38: Motor/Generator Related Technologies	Vashon	8:00 am - 12:00 pm
Session #47: Power Systems Design	Vashon	1:00 pm - 5:00 pm

Technical Session #3

Session #39: Power Electronics Building Block Concepts	Cascade 1A & 1B	8:00 am - 12:00 pm
Session #48: Soft Switching and Resonant Converters	Cascade 1A & 1B	1:00 pm - 5:00 pm

Technical Session #4

Session #40: Utility Interface and Power Quality I	Cascade 1C	1:00 pm - 5:00 pm
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Session #49: Converter Applications and Implementation Issues	Cascade 1C	1:00 pm - 5:00 pm
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Technical Session #5

Session #41: Industrial Controls and Mechatronics	Whidbey	8:00 am - 12:00 pm
Session #50: Motion Controls	Whidbey	1:00 pm - 5:00 pm

Technical Session #6

Session #42: Power Modules	Grand 1	8:00 am - 12:00 pm
Session #51: Device Integration Strategies	Grand 1	1:00 pm - 5:00 pm

Technical Session #7

Session #43: Corona Discharging	Olympic	8:00 am - 12:00 pm
Session #52: Electrostatic Separation and Deposition	Olympic	1:00 pm - 5:00 pm

Technical Session #8

Session #44: Switched Reluctance Motor Drives	St. Helens	8:00 am - 12:00 pm
Session #53: Drives Interface Issue	St. Helens	1:00 pm - 5:00 pm

Technical Session #9

Session #45: LED and Other Lamps	5th Avenue	8:00 am - 12:00 pm
Session #54: Energy Systems I	5th Avenue	1:00 pm - 5:00 pm

IEEE IAS Council Luncheon

Grand Crescent	12:00 pm - 3:00 pm
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IEEE IAS Presidents Reception (Invitation Only)

Presidential Suite	6:00 pm - 7:30 pm
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IEEE IAS Presidents Banquet

Grand 2 & 3	6:30 pm - 10:00 pm
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Thursday, October 7, 2004

Location	Time
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IEEE IAS Conference Registration	Entire Grand Foyer
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Author's Breakfast

Grand 2 7 am - 8:00 am	Grand 2	7:00 am - 8:00 am
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Guest Hospitality

IEEE IAS Guest Hospitality Suite	Seattle Suite	8:00 am - 6:00 pm
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Technical Session #1

Session #55: Linear Actuators	Cascade II	8:00 am - 12:00 pm
Session #64: Induction Motors - 2	Cascade II	1:00 pm - 5:00 pm

Technical Session #2

Session #56: Power Systems Analysis	Vashon	8:00 am - 12:00 pm
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Technical Session #3

Session #57: PWM and Control Techniques	Cascade 1A & 1B	8:00 am - 12:00 pm
Session #65: Semiconductor Models and Capacitors	Cascade 1A & 1B	1:00 PM - 5:00 PM

Technical Session #4

Session #58: Utility Interface and Power Quality II	Cascade 1C	8:00 am - 12:00 pm
Session #66: Power Systems Engineering and Protection	Cascade 1C	1:00 pm - 5:00 pm

Technical Session #5

Session #59: Electro-Thermal Issues	Whidbey	8:00 am - 12:00 pm
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Session #67: Intelligent Controls and Applications	Whidbey	1:00 pm - 5:00 pm
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Technical Session #6

Session #60: Thermal Management	Grand 1	8:00 am - 12:00 pm
Session #68: Filtering and EMI	Grand 1	1:00 pm - 5:00 pm

Technical Session #7

Session #61: Computational Electrostatics and Electrohydrodynamics	Olympic	8:00 am - 12:00 pm
Session #69: Electrostatic Measurement and Controls	Olympic	1:00 pm - 5:00 pm

Technical Session #8

Session #62: Brushless and Synchronous Reluctance Motor Drives	St. Helens	8:00 am - 12:00 pm
Session #70: Drives Applications	St. Helens	1:00 pm - 5:00 pm

Technical Session #9

Session #63: Power Systems Protection 1	5th Avenue	8:00 am - 5:00 pm
Session #71: Energy System II	5th Avenue	1:00 pm - 5:00 pm