

**IEEE**

**Canadian Conference on Electrical and  
Computer Engineering**

**Technical Program**  
**Summary**

**Congrès Canadien en Génie Électrique  
et Informatique**

**IEEE**

# Monday Program at a glance

## IEEE CCECE'11 Technical Program Schedule

Monday, May 9, 2011

Session Identifier	Symposium Name	Session Names (ORAL sessions)	Paper Numbers (last 6 digits of EDAS 1569xxxxxx paper number)						Rooms
<b>Morning Sessions: 9:45 a.m. - 11:30 a.m.</b>									
MM01	Power Electronics and Systems	Renewable Energy I	397909	398173	399047	~			Hennepin South
MM02	Power Electronics and Systems	Distributed Generation (DG) Systems				397889	397943	400947	Hennepin South
MM03	Biomedical Engineering and Health Informatics	Biomedical Applications	394871	398503	399021	401899	402793	403111	Salon A
MM04	Communications and Networking	Cooperative Communications I	399101	399397	401051	402809	402781	399145	Oakes NE
MM05	Signal and Multimedia Processing - 1	Image Processing I	393211	396745	397915	~			Oakes NW
MM06	Signal and Multimedia Processing - 2	Radars & Array Processing				376759	398639		Oakes NW
MM07	Controls and Robotics	Adaptive Control	398147	398921	399399	402821	403267	Anis Yazidi	Ontario
MM08	Circuits, Devices and Systems	Analog Circuits II	385553	<del>398304</del>	398429	400651	401259	397985	Hennepin North
<b>Afternoon Sessions: 1:30 p.m. - 3:15 p.m.</b>									
MA01	Power Electronics and Systems	Power Systems I	398165	400777	400799	400965	385159	397229	Hennepin South
MA02	Biomedical Engineering and Health Informatics	Biomedical Instrumentation	398355	399165	400653	402075	402179	403099	Salon A
MA03	Communications and Networking	Resource Allocation and Scheduling in Wired & Wireless Networks	398661	400919	403197	403295	398367	402953	Oakes NE
MA04	Signal and Multimedia Processing	Image & Video Processing I	392847	401943	402379	~			Oakes NW
MA05	Signal and Multimedia Processing	Speech & Audio Processing I				398241	398347	399307	Oakes NW
MA06	Controls and Robotics	Robotic Applications	399245	402655	402875	403025	403201	403645	Ontario
MA07	Circuits, Devices and Systems	Analog Integrated Circuits	403057	401089	401093	403237	399257	403697	Hennepin North
<b>Evening Sessions: 3:30 p.m. - 5:15 p.m.</b>									
ME01	Power Electronics and Systems	Power Converters and Drives I	374157	397417	398141	402921 <del>398163</del>	401253		Hennepin South
ME02	Communications and Networking	System Design and Implementation	403593	390067	393467	403221	403187	373463	Salon A
ME03	Signal and Multimedia Processing	Signal Processing I	396999	401347	399873	403155	397957	399249	Oakes NE
ME04	Signal and Multimedia Processing	Speech & Audio Processing II	399407	401761	401827	401987	393531	397005	Oakes NW
ME05	Controls and Robotics	Optimal and Optimization-based Control	398533	400011	402797	402879	402759 <del>398526</del>	402131	Ontario
ME06	Circuits, Devices and Systems	Micro-systems	399075	399347	398949	402081	400661		Hennepin North

# Tuesday Program at a Glance

## IEEE CCECE'11 Technical Program Schedule

Tuesday, May 10, 2011

Session Identifier	Symposium Name	Session Names (ORAL sessions)	Paper Numbers (last 6 digits from EDAS 15690xxxxx paper number)						Rooms
<b>Morning Sessions: 9:45 a.m. - 11:30 a.m.</b>									
TM01	Power Electronics and Systems	Renewable Energy II	402573	402855	<del>402924</del>				Hennepin South
TM02	Power Electronics and Systems	Power Converters and Drives II				398541	402137	399415	Hennepin South
TM03	Communications and Networking	Multi-carrier/OFDM & CDMA-based Wireless Access	398775	398987	401469	401853	403043	402665	Salon A
TM04	Communications and Networking	MIMO/Cognitive Systems	403173	399117	401953	390849	403143		Oakes NE
TM05	Computer Systems and Applications	Computer Systems	398035	397567	399211	403283	403017	381637	Oakes NW
TM06	Computer Systems and Applications	Computer Applications	399309	401273	403033	402703	398841	403159	Ontario
TM07	Controls and Robotics	Control Applications	402985	399355	401381	401777	403309	400139	Hennepin North
<b>Afternoon Sessions: 1:30 p.m. - 3:15 p.m.</b>									
TA01	Power Electronics and Systems	Power Converters and Drives III	399067	403577	401521	402133			Hennepin South
TA02	Communications and Networking	Channel/Source Coding and Modulation	398417	398771	399375	401999	399349		Salon A
TA03	Communications and Networking	WiFi and Wireless Mesh Networks	402899	399123	401341	403255	402003	401765	Oakes NE
TA04	Computer Systems and Applications	NoC/SoC and Embedded Systems	397861	403259	401715	<del>404264</del>	403219	402865	Oakes NW
TA05	Signal and Multimedia Processing	Image & Video Processing II	400569	401699	402093				Ontario
TA06	Signal and Multimedia Processing	Signal Processing Algorithms & Architectures I				399079	401343	400681	Ontario
TA07	Circuits, Devices and Systems	Digital Integrated Circuits	397979	403073	403141	398529			Hennepin North
<b>Evening Sessions: 3:30 p.m. - 5:15 p.m.</b>									
TE01	Power Electronics and Systems	Poster Session	364493	390613	391679	394041	398581	398969	Oakes South
TE02	Power Electronics and Systems	Poster Session	399033	400335	400641	400941	402735	402975	Oakes South
TE03	Power Electronics and Systems	Poster Session	403105	403151	403157	403303	403713	403729	Oakes South
TE04	Biomedical Engineering and Health Informatics	Poster Session	398423	399005	403299				Oakes South
TE05	Communications and Networking	Poster Session	397611	397817	398963	401319	401479		Oakes South
TE06	Communications and Networking	Poster Session	402767	402775	403041	403621			Oakes South
TE07	Computer Systems and Applications	Poster Session	399335	400059	401847	402711	<del>403244</del>		Oakes South
TE08	Signal and Multimedia Processing	Poster Session	401169	401487					Oakes South
TE09	Circuits, Devices and Systems	Poster Session	399239	399957	402329	402973			Oakes South
TE10	Controls and Robotics	Poster Session	359477	402783	402943	403039			Oakes South
TE11	Engineered & Natural Complex Systems: Modeling, Simulation & Analysis	Poster Session	398415	400447	401229				Oakes South

IEEE CCECE'11 Technical Program Schedule									
Wednesday, May 11, 2011									
Session Identifier	Symposium Name	Session Names (ORAL sessions)	Paper Numbers (last 6 digits from EDAS 15690xxxxx paper number)						Rooms
<b>Morning Sessions: 9:45 a.m. - 11:30 a.m.</b>									
WM01	Power Electronics and Systems	Power Systems II	401419	402007					Hennepin South
WM02	Power Electronics and Systems	Power Engineering II - Protection			396979	367953	398117	401409	Hennepin South
WM03	Signal and Multimedia Processing	Image Processing II	402827	403277	397887				Salon A
WM04	Signal and Multimedia Processing	Speech & Audio Processing III				397813	402709	400925	Salon A
WM05	Communications and Networking	Wireless and Wired Networks	403115	403089	402839	401835	402633	388731	Oakes NE
WM06	Computer Systems and Applications	Software - Testing and Debugging	401283	400639	403297	401919	401831	400811	Oakes NW
WM07	Computer Systems and Applications	FPGA	398183	402189	400347	402867	403037	403171	Ontario
WM08	Circuits, Devices and Systems	Nano and Optoelectronic Devices	403131	399161	401547	403001	400855		Hennepin North
<b>Afternoon Sessions: 1:30 p.m. - 3:15 p.m.</b>									
WA01	Power Electronics and Systems	Smart Grids and EV I	402667	399213	402949	403067	403133	403477	Hennepin South
WA02	Power Electronics and Systems	Energy Conversion I	398589	399867	399871	401501	402473	406061	Salon A
WA03	Power Electronics and Systems	Distributed Generation (DG) Systems II	398011	401889	401887				Oakes NE
WA04	Signal and Multimedia Processing	Signal Processing III				397003	398161	403085	Oakes NE
WA05	Communications and Networking	Genetic Algorithms and Neural Network Modelling	401327	402843	399893	402905	403231	403247	Oakes NW
WA06	Signal and Multimedia Processing	Signal and Multimedia Processing and Applications II	400287	402595	403129	398745	403585		Ontario
WA07	Circuits, Devices and Systems	RF and Microwave Components	392965	398191	402825	402835			Hennepin North
<b>Evening Sessions: 3:30 p.m. - 5:15 p.m.</b>									
WE01	Power Electronics and Systems	Renewable Energy III	403251	399051	399057	~			Hennepin South
WE02	Power Electronics and Systems	Other Technologies in Power Engineering I (Transients)				400225	393257	401137	Hennepin South
WE03	Communications and Networking	Optical Communications and Networking	393867	399103	387661	401671	399413	402759	Salon A
WE04	Communications and Networking	Wireless ad hoc / Sensor Networks	402833	399409	398023	401495	403223		Oakes NE
WE05	Signal and Multimedia Processing	Signal Processing Algorithms & Architectures II	402033	402853	403179				Oakes NW
WE06	Circuits, Devices and Systems	Circuit Modelling				397265	400655	401763	Oakes NW
WE07	Circuits, Devices and Systems	Integrated Circuits for Communications	398363	399241	402693	403053	403097		Ontario
WE08	Controls and Robotics	Sensors and MEMS	399069	402995	402903	403199	400915	369811	Hennepin North

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