

NOTE: All times are in U.S. Eastern Daylight Time Zone

	Tutorial Stage A 8:00am-8:45am	Tutorial Stage B 8:45am-9:15am	15 min	Tutorial Stage A 10:00am-11:45am	Tutorial Stage B 11:45am-12:00pm	15 min	Tutorial Stage A 12:00pm-1:45pm	Tutorial Stage B 1:45pm-2:00pm	15 min	Tutorial Stage A 2:00pm-3:45pm	Tutorial Stage B 3:45pm-4:00pm
Day 1 (June 28)	TUT1 (Kai Sun)	TUT2 (Stanislav Cherevatsky et al.)	BREAK (9:45 am - 10:00 am)	TUT3 (Ariya Sangwongwanich and Frede Blaabjerg)	TUT4 (Parag Kshirsagar et al.)	BREAK (11:45 am - 12:00 pm)	TUT5 (Victor Veladis)	TUT6 (Fang Qui et al.)	BREAK (1:45 pm - 2:00 pm)	TUT7 (John Shen)	TUT8 (Juan Balda et al.)
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	Master Stage					Stage 1	Stage 2	Stage 3	Stage 4	10 min	Master Stage	10min	Stage 1	Stage 2	Stage 3	Stage 4	10 min	Stage 1	Stage 2	Stage 3	Stage 4						
	8:00am- 8:40am	5 Min	8:45 am- 9:20 am	5 Min	9:25 am- 10:00am	10 min	10:10am- 11:50am				10 min	12:00 pm - 12:40 pm	10min	12:50 pm- 1:55 pm				10 min	2:05 pm - 3:45								
Day 2 (June 29)	Keynote I (Liuchen Chang)	CHANGE OVER (8:40 am - 8:45 am)	Keynote II (Lynn Petersen)	CHANGE OVER (9:20 am - 9:25 am)	Keynote III (Ibik Kizilyalli and Danny Cunningham)	BREAK (10:00 am - 10:10 am)	1a: Cyber-Security & Mitigation I	1b: Stability Analysis & Simulation	1c: Converter Design & Modeling I	1d: Battery Energy Storage Systems	BREAK (11:50 am - 12:00 pm)	Invited Lecture: Michele Fusaro and Henrique S. Magagnoli	BREAK (12:40 pm - 12:50 pm)	2: Lightning Talk I	Virtual Booth (Qatar Smart Grid Center)	Virtual Booth (GRAPES)	Virtual Booth (Typhoon)	BREAK (12:40 pm - 12:50 pm)	3a: Grid-Forming Control I	3b: Advanced Converter I	3c: Grid Connected Converters	3d: Sustainable Energy Miscellaneous Topics I					
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Day 3 (June 30)	Keynote IV (Yasutoku Onishi)	CHANGE OVER (8:40 am - 8:45 am)	Keynote V (Frede Blaabjerg)	CHANGE OVER (9:20 am - 9:25 am)	Keynote VI (Andre Pereira and Madhu Chinthavali)	BREAK (10:00 am - 10:10 am)	4a: Microgrid	4b: Protection	4c: Advanced Control II	4d: Converter Design & Modeling II	BREAK (11:50 am - 12:00 pm)	Invited Lecture: Lars Voss	BREAK (12:40 pm - 12:50 pm)	5: Lightning Talk II	Virtual Booth (Power America)	Virtual Booth (UNBC)	Virtual Booth (Fuji)	BREAK (12:40 pm - 12:50 pm)	6a: Grid Connected Systems	6b: Converter Design & Modeling III	6c: Advanced Control III					
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	Master Stage					Stage 1	Stage 2	Stage 3	Stage 4	25 min	Master Stage	
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Day 4 (July 1)	Keynote VII (Jinjun Liu)	CHANGE OVER (8:40 am - 8:45 am)	Keynote VIII (John McDonald)	CHANGE OVER (9:20 am - 9:25 am)	Keynote IX (Deepak Divan)	BREAK (10:00 am - 10:10 am)	7a: Advanced Components & Converter Design	7b: Grid-Forming Control II	7c: Sustainable Energy Miscellaneous Topic II	7d: Lightning Talk III	Award Session and Handover to PEDG 2022	
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