

APRIL 8

Registration from 07:00 to 17:00 in the Lobby and Latham Foyer.

08:30 - 12:30 **CPES WBG-HPCS Mini-Consortium Review**

For WBG-HPCS members only. With morning refreshements and boxed lunch.

Solitude Conference Room

13:15 - 14:30 **Tutorial Session I**

Enhanced Inductance and Loss Models for Coupled Windings

Dr. Han Cui and Dr. Khai Ngo

Alumni Assembly Hall

14:30 - 15:00 **BREAK:** Latham Foyer

15:00 - 16:15 **Tutorial Session II**

Modeling and Control of Grid-Interface Modular Multilevel Power Electronics Converters

Dr. Jun Wang and Dr. Igor Cvetkovic

Alumni Assembly Hall

14:30 - 18:00 **Industry-Student Wine & Cheese Reception**

Includes Wine and Cheese Reception

Latham BC

18:00 - 21:30 **Industry Advisory Board Dinner & Meeting with CPES Faculty**

Latham DEF

APRIL 9

Registration and coffee from 07:00 to 08:00 in Latham Foyer.

07:00 - 08:00 **Invited Speakers' Breakfast**

1872 Salon

08:00 - 08:20 **Welcome Address**

Dr. Luke Lester
Virginia Tech

Latham AB

08:30 - 10:30 **Invited Session**

Dr. Deepak Divan
Georgia Institute of Technology
Dr. Yungfeng Liu
HUAWEI Technology Co., Ltd.
Dr. Chen-Ching Liu
Virginia Tech

Latham AB

10:30 - 11:00 **BREAK:** Latham Foyer

11:00 - 12:30 **Technical Session I**

Characterization, Integration, and Application of WBG Devices
CPES Labs, Whittemore Hall

12:30 - 13:30 **Lunch:** Latham Hall CDEF

13:30 - 17:30 **Lab Dialogue Sessions**

CPES Labs, Whittemore Hall

18:00 - 21:00 **Conference Banquet**

Latham Hall ABCDEF
Latham Foyer
Great Lawn

APRIL 10

Coffee from 07:00 to 08:00 in Latham Foyer.

08:00 - 09:30 **Technical Session II**

Control, Modeling, and Optimization of Power Converters

Alumni Assembly Hall

09:30 - 10:00 **BREAK:** Alumni Hallway

10:00 - 12:00 **Technical Session III**

Driving, Protection, and Utilization of WBG Devices
Alumni Assembly Hall

12:00 - 13:00 **LUNCH:** Latham CDEF

13:00 - 14:30 **Technical Session IV**

Design and Control of High-Power Converters

Alumni Assembly Hall

14:30 - 15:00 **BREAK:** Alumni Hallway

15:00 - 17:00 **Technical Session V**

Passive Components and EMI Mitigation

Alumni Assembly Hall

17:30 - 21:00 **Awards Reception & Dinner**

German Club

CONFERENCE AGENDA

CPES
Center for Power Electronics Systems

