



# APEC 2026

SAN ANTONIO, TX | MARCH 22-26



## Industry Session Presenters Webinar

November 13, 2025

[speakers@apec-conf.org](mailto:speakers@apec-conf.org)

# Introductions

- APEC Content Team
  - **Catalina DeMassi** (catalinad@mmsmeetings.com)
  - **Nate Knauer** (natek@mmsmeetings.com)
  - **Stephen Holtzman** (stephenh@mmsmeetings.com)
- Industry Session Chairs
  - **David Chen** (david.chen@power.com)
  - **Jaume Roig Guitart** (jaume.roig@onsemi.com)

# Today's Outline

- **Opening**
  - Introductions
  - Purpose
- **The Final Product**
  - The Live Event (APEC 2026)
  - The Digital Products
- **The Process Toward the Final Product(s)**
- **Responsibilities of Presenters and Co-Authors**
  - Using the Speaker Portal
  - Register for APEC and present in San Antonio
- **Speaker Portal Step-by-Step**

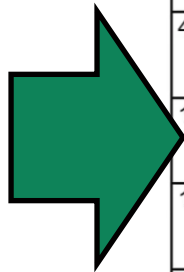
# Important Dates

- **November 13, 2025:** Industry Session Presenter Webinar
- **November 20, 2025:** Recording of IS Presenter Webinar Posted
- **January 16, 2026:** Draft presentations are due in the Speaker Portal
- **January 26, 2026:** Early Bird registration rate ends
- **February 20, 2026:** Final Presentations are due in the Speaker Portal
  - PowerPoint (for onsite presentation, website, and mobile app)
  - PDF (for proceedings)

**JANUARY 2026**

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

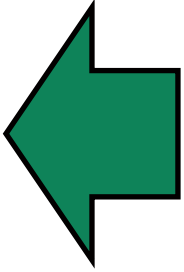
Drafts Due



**FEBRUARY 2026**

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
1	2	3	4	5	6	7

Finals Due



[speakers@apec-conf.org](mailto:speakers@apec-conf.org)

# Important Dates (Presentation Files)

## JANUARY 2026

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	Draft Presentation Due (January 16, 2026)			16	17	
18				23	24	
25	26	27	28	29	30	31

## FEBRUARY 2026

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	Final Presentation Due (February 20, 2026)				20	21
22					27	28
1	2	3	4	5	6	7

# The Two Purposes of Today's Webinar

- ▶ Guide Your Use of the Speaker Portal
  - ▶ The recording of this webinar and slides will be on the APEC website
  - ▶ The APEC content team is available Monday-Friday at [speakers@apcc-conf.org](mailto:speakers@apcc-conf.org)
- ▶ To Promote a High-Quality Content for APEC 2026
  - ▶ Live Industry Session Program
  - ▶ Digital Products

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# The Final Product (Live Event)

- The Speaker Experience
- The Session Chair Experience
- The Attendee/Registrant Experience





# The Final Product (Digital Products)

- Website (PowerPoint slides)
- Mobile App (PowerPoint slides)
- Event Proceedings (PDF of slides)

# The Final Product (Digital Products)

- ▶ **Website (Power Point)**
- ▶ Mobile App
- ▶ Event Proceedings


★ Favorite   ✉ Email

Industry Sessions

## IS15.2 - Comparison of silicon MOSFET vs GaN for isolated half bridge LLC converters in visual display OLED TV applications

📅 Wednesday, March 19, 2025   ⌚ 12:55 PM - 1:20 PM CST   📍 Location: Level Four, A410

Industry Session Presenter(s)



**Ben Lough (he/him/his)**  
Texas Instruments

Presentation

**Presentation Description:** This talk will first examine the unique power conversion needs in modern organic light-emitting diode television (OLED TV) displays and their impact on the design of the isolated DC/DC conversion stages used to power the OLED backlight bias, audio amplifier bias and timing/control power. The focus of the presentation will look at the use of silicon metal-oxide-semiconductor field-effect transistors (MOSFETs) and gallium nitride (GaN) in the primary side half bridge as well as in synchronous rectification (SR) in a side-by-side comparison in an OLED TV power supply unit (PSU) application. An analysis of the effects of Coss linearity, 3rd quadrant voltage, reverse recovery, etc. will be shown and their impact on the overall efficiency and regulation performance will be discussed. Lastly, test results for two power supplies (one using Si field effect transistors (FET), the other using GaN) will be presented.


159 Views

Location: Level Four, A410


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Title of Presentation


1 / 18   100%   🔍 🔄 ⌂ ↶ ↷




1




2



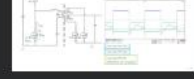
3



4



5




# APEC2025

Atlanta, GA  
March 16-20  
Georgia World Congress Center

## Comparison of silicon MOSFET vs GaN for isolated half bridge LLC converters in visual display OLED TV applications

Ben Lough, Texas Instruments

 **TEXAS INSTRUMENTS**

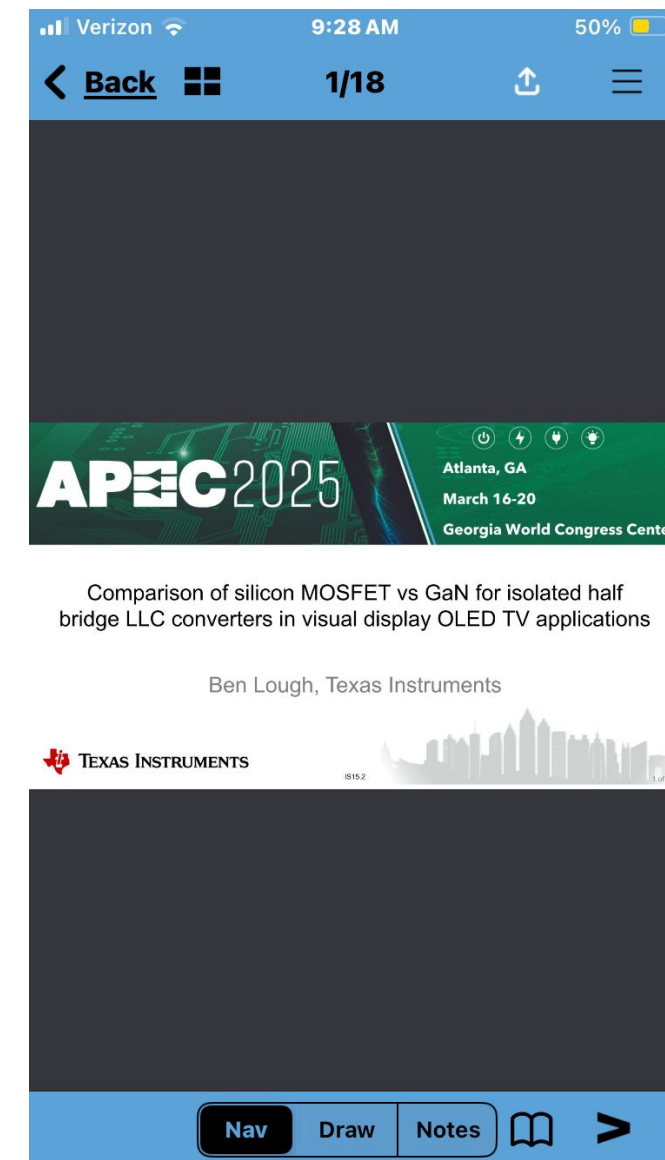
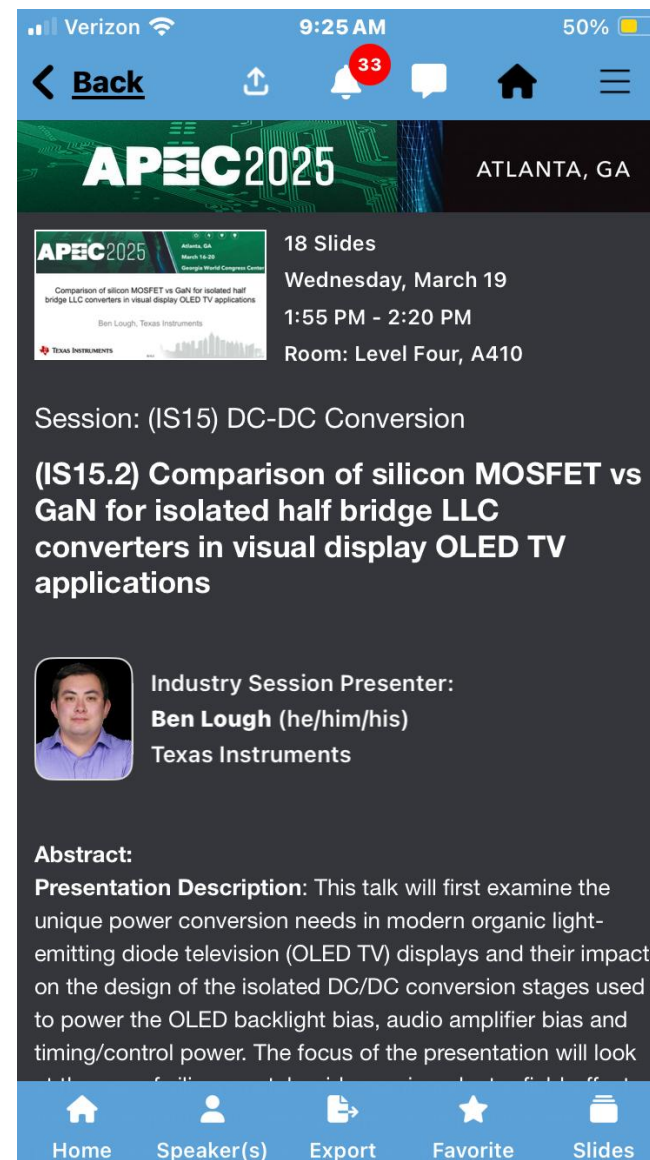
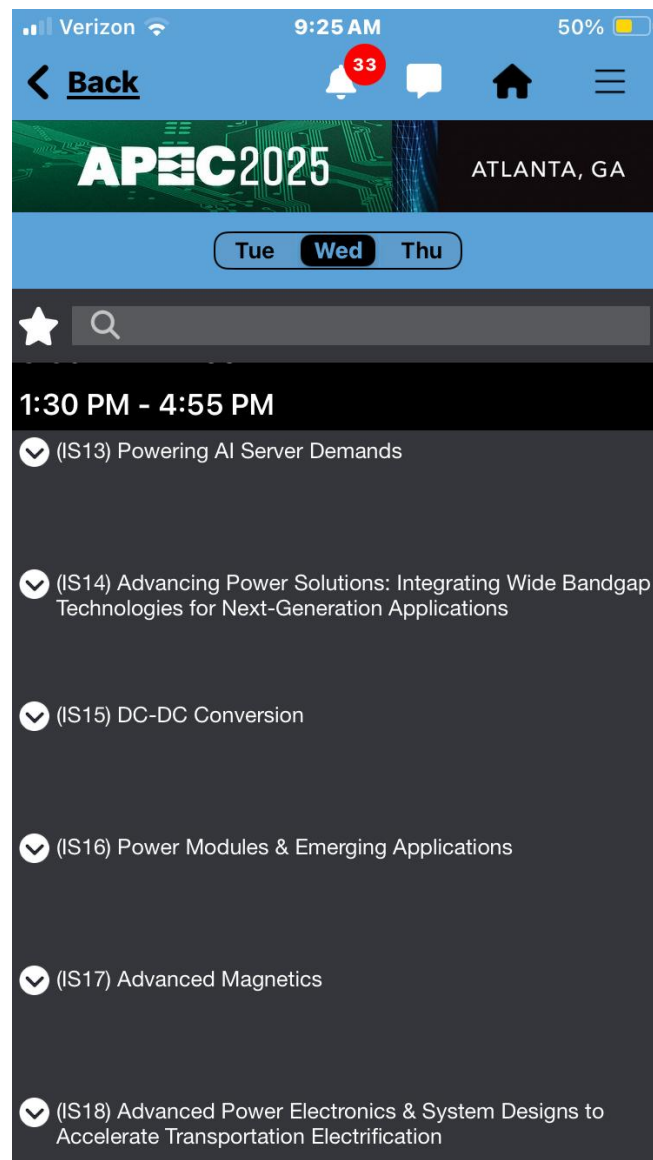
IS15.2   1 of 18

### Agenda

- Requirements/trends for TV AC/DC power

# The Final Product (Digital Products)

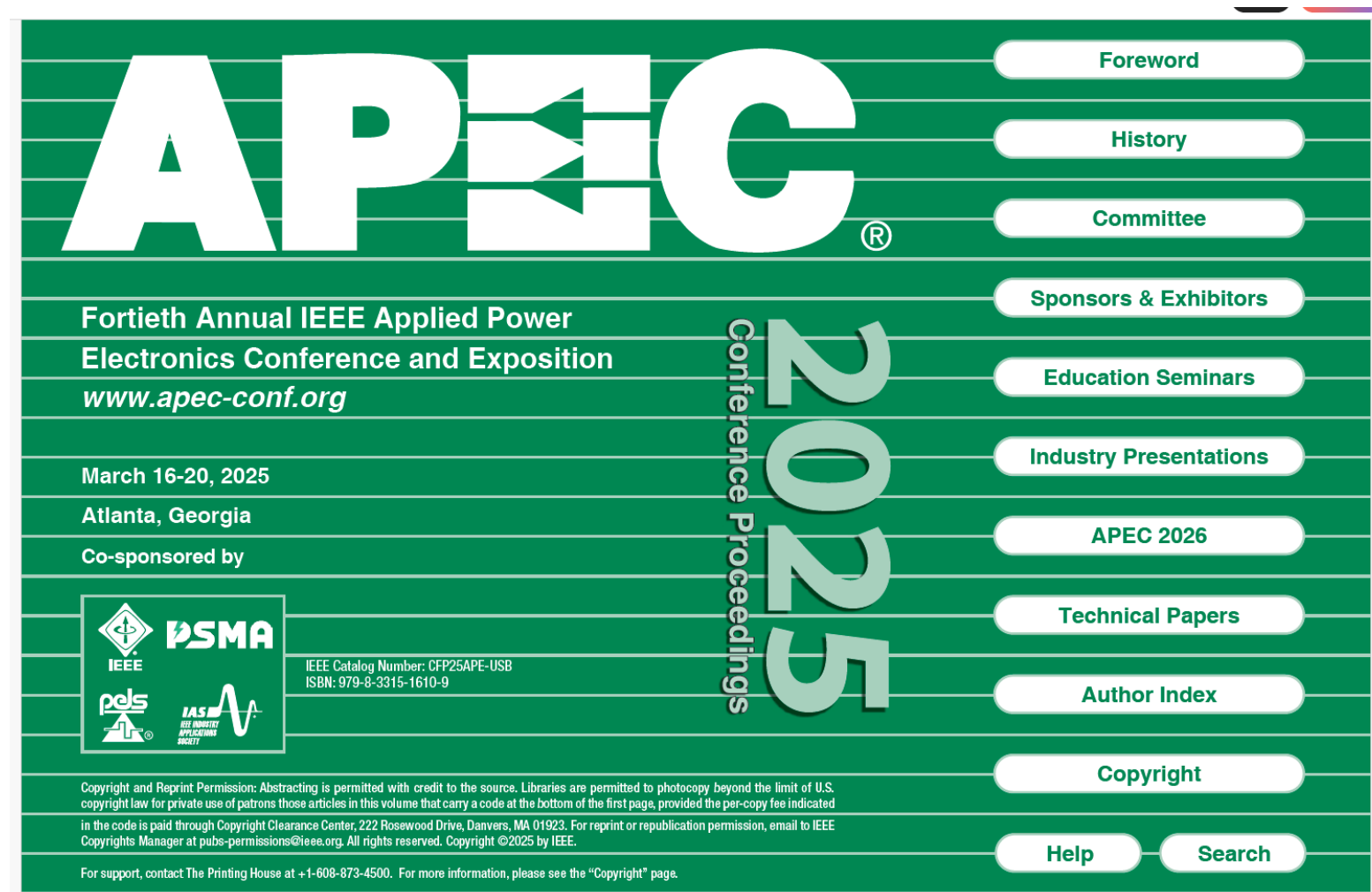
- Website
- **Mobile App (Power Point)**
- Event Proceedings



[speakers@apec-conf.org](mailto:speakers@apec-conf.org)

# The Final Product (Digital Products)

- Website
- Mobile App
- **Event Proceedings (PDF)**



INDUSTRY PRESENTATIONS

Scroll to the title and select a **Blue** link to open a presentation. After viewing the presentation, use the bookmarks to the left to return to the beginning of the industry presentation.

Tuesday, March 18, 2025

**SESSION IS01: Powering the Post 48V Era: Addressing the Datacenter-Level Power Delivery Challenges in the AI Revolution**  
8:30 - 11:55  
**SESSION CHAIR(S)**  
Zichao Ye, *Google*  
Rolando Burgos, *Virginia Polytechnic Institute and State University*

IS01.1 **+/-400Vdc Rack for AI/ML Applications**  
Industry Session Presenter: Xiong Li, *Google*; Christina Peabody, *Google*

IS01.2 **Solid State Transformer in Datacenter Applications**  
Industry Session Presenter: Rudy Wang, *Delta Electronics (Americas) Ltd*

IS01.3 **Novel Isolated 99+% Efficiency 3-Φ PFC Rectifier Concepts**  
Industry Session Presenter: Johann Kolar, *ETH Zurich*

IS01.4 **MV SiC Power Electronics for Data Centers: Advantages, Challenges, and Control**  
Industry Session Presenter: Rolando Burgos, *Virginia Polytechnic Institute and State University*

IS01.5 **Potential Benefits of DC Power Distribution Bus in Data Center Applications**  
Industry Session Presenter: Simon Loo, *Siemens*

IS01.6 **New Strategies in Design to Meet the Demands of AI Data Centers**  
Industry Session Presenter: Harry Handlin, *ABB*

**APEC 2026**

11

speakers@apec-conf.org



# The Final Product (Digital Products)

- Website
- Mobile App
- **Event Proceedings (PDF)**

## SESSION IS15: DC-DC Conversion

13:30 - 16:55

### SESSION CHAIR(S)

Sudhakarababu Chakkirala, *Power Integrations*

Richard Chung, *ST Microelectronics*

IS15.1 **A Practical, Compact Resonant Transformer Solution for High Voltage Applications**

Industry Session Presenter: Matthew Russell, *Bourns Electronics*

IS15.2 **Comparison of Silicon MOSFET vs GaN for Isolated Half Bridge LLC Converters in Visual Display OLED TV Applications**

Industry Session Presenter: Ben Lough, *Texas Instruments*

IS15.3 **How to Achieve 30x Higher Power Density and Ultra-Low EMI with Advanced Integration Technology of Isolated Converters**

Industry Session Presenter: Pei-Hsin Liu, *Texas Instruments*

IS15.4 **Hybrid Control Method to Extend Gain Range in Phase-Shifted LLC Converter**


Industry Session Presenter: Ramkumar Sivakumar, *Texas Instruments*

IS15.5 **Hybrid-Flyback: A Novel Power Topology for Ultra-Flat SMPS Designs**

Industry Session Presenter: Alfredo Medina Garcia, *Infineon Technologies AG*

IS15.6 **Maximize Efficiency in Isolated DC/DC Converters for Electric Vehicle Fast Charging Systems**

Industry Session Presenter: Christopher New, *Wolfspeed*




**APEC 2025**

Atlanta, GA  
March 16-20  
Georgia World Congress Center

Comparison of silicon MOSFET vs GaN for isolated half bridge LLC converters in visual display OLED TV applications

Ben Lough, Texas Instruments

 **TEXAS INSTRUMENTS**

IS15.2 1 of 18

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# The Process Toward The Final Product

- Confirm the Program
- Collect Presenter Data and Presentation Content (Speaker Portal)

# The Process Toward The Final Product

- Confirm the Program
  - Publish the Program on the APEC Website
    - (<https://apec-conf.org/>)
  - Speakers Confirm Participation
  - Process Requested Changes

## APEC 2026 Industry Sessions

All DaysTue, Mar 24Wed, Mar 25Thu, Mar 26

Industry Sessions

172 results found

Type here to filter the list

Tuesday, March 24, 2026

8:30 AM - 11:55 AM CT

IS01 - What Is the Next Killer Application for Wide Bandgap Semiconductors?  
Industry Session Chair: **Timothy K. McDonald** – Power Q Consulting, Inc.  
Industry Session Chair: **Peter Di Maso**, MBA – Cambridge GaN Devices

▼

8:30 AM - 11:55 AM CT

IS02 - AI and Digital Twins Transforming Power Device Innovation  
Industry Session Chair: **Jaume Roig** – onsemi  
Industry Session Chair: **Stephanie Watts Butler, PhD, PE** – WattsButler LLC  
Industry Session Chair: **Kevin Hermanns** – PE-Systems GmbH

▼

8:30 AM - 11:55 AM CT

IS03 - Capacitor Circuit Design Essentials for Modern Challenges  
Industry Session Chair: **Alan J. Cooper, Ph.D CEng, MIET** – YAGEO  
Industry Session Chair: **Frank Puhane, B.Eng (he/him/his)** – Würth Elektronik

▼

Task List | Log Out

Task Progress | Event Details | Technical Support

CONFIRM YOUR PARTICIPATION (IS PRESENTERS)

completed 11/6/2025, 10:47 AM

Submit Response

i

Click either the Confirm or Deny button to select a response for each presentation listed below. When clicked, the response button that was clicked will highlight, and the other response button will fade. **Once you have made an answer selection, you will need to click the "Submit Response" button in the upper right corner.**

Industry Session Presenters are required to:

- Upload a draft and a final presentation in both PowerPoint and PDF file formats to the Industry Session Speaker Portal by the stated deadlines.
- Register for the conference at either the Full Conference or Technical/Industry registration rate.
- Attend the Presenter/Speaker Breakfast on the day of their session(s)

If you cannot fulfill the above requirements or are not intending to be the presenter for the title(s) below, please designate a new Presenter using the Change Request Form linked here:  
[Change Request Form](#)

Confirm

Deny

Show Comments

Session: Gate Drivers and their Applications

(IS05.7) **Decoding the isolated gate driver's datasheet: Clarity beyond the bullet points**

Your role: Industry Session Presenter

**APEC 2026**  
SAN ANTONIO, TX | MARCH 22-26

APEC 2026 Request Form for Presentation Changes

Please use this form to submit changes to the approved presentation information.

natek@mmsmeetings.com

Switch account

Not shared

\* Indicates required question

**Requester Information**

Please provide your session/presentation details as they are currently listed in the Speaker Portal.

Requester's Full Name \*

(First Name, Last/Family Name)

Your answer

Requester's Email \*

speakers@apec-conf.org

# The Change Request Form

- Two Items Presenters Cannot Change
  - Name and Email
  - Who the Presenter Will Be



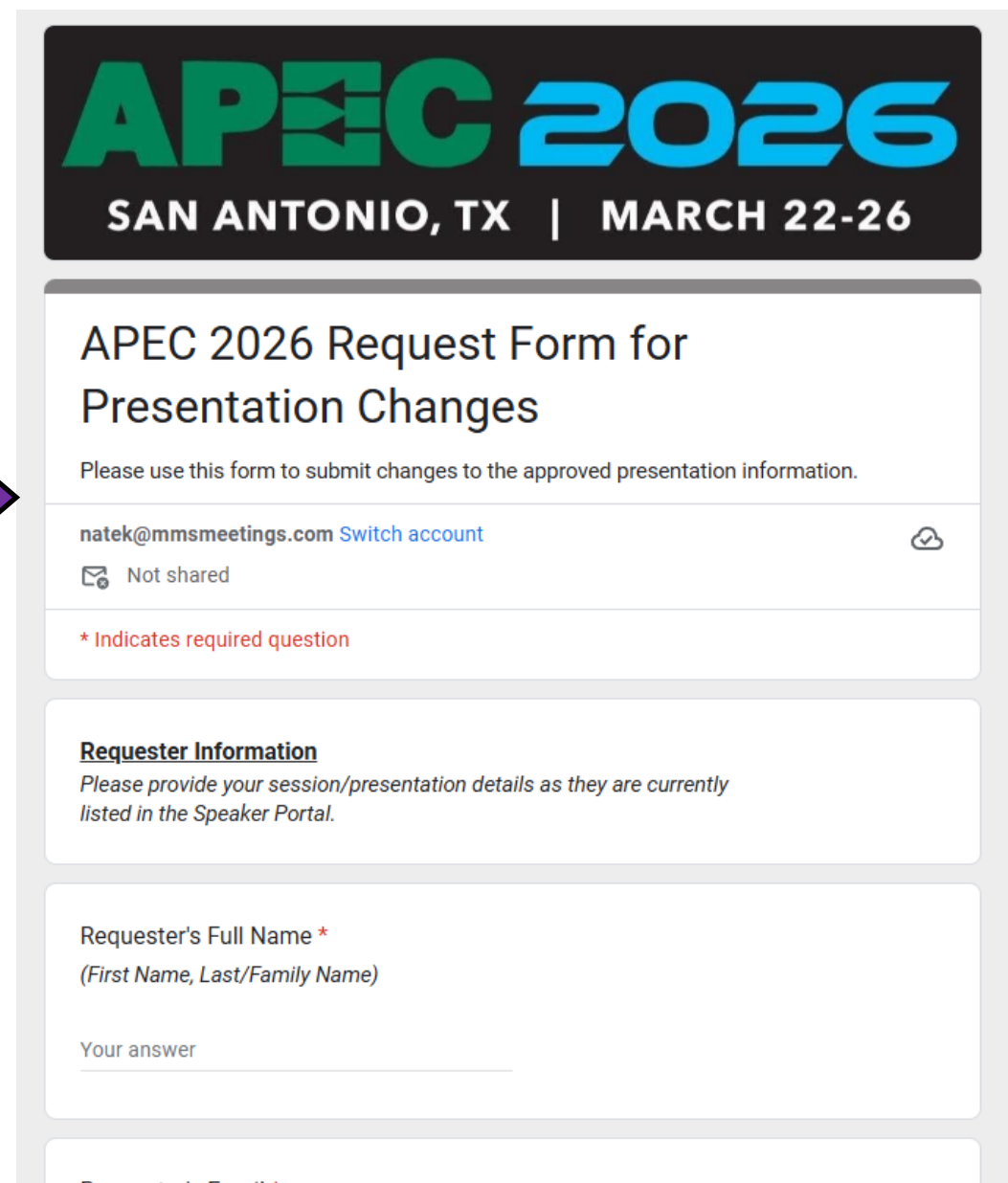
You are seeing this upload task because you are the assigned Presenter/Uploader and responsible for uploading the presentation slide deck. If you believe you are seeing this task in error, and are *not* the Presenter, please complete a Change Request using the Change Request Form linked below

[Click Here for the Change Request Form](#)

Please upload your Power Point Slide Deck or digital Poster File. Technical Lecture and Industry Files must be in .ppt or .pptx file format. Technical Dialogue and Professional Seminar files can be in .ppt, pptx, or .pdf file format.

**Industry, Seminar, and Lecture Presenters:** This is the file you will use to present in-person at APEC. These slides will be available in the APEC 2026 Mobile App

**Technical Dialogue Presenters:** This digital version of your poster will be available in the APEC 2026 Mobile App.



The image shows a screenshot of the APEC 2026 Request Form for Presentation Changes. At the top, there is a banner with the APEC 2026 logo and the text "SAN ANTONIO, TX | MARCH 22-26". Below the banner, the title "APEC 2026 Request Form for Presentation Changes" is displayed. A subtitle reads: "Please use this form to submit changes to the approved presentation information." The form includes a user profile section with the email "natek@mmsmeetings.com" and a "Switch account" link. Below this, there is a section for "Requester Information" with a prompt: "Please provide your session/presentation details as they are currently listed in the Speaker Portal." The form has input fields for "Requester's Full Name \*" (with a subtext "(First Name, Last/Family Name)") and "Requester's Email \*". A red asterisk indicates required questions.

# The Process Toward The Final Product

- Confirm the Program
  - Publish the Program on the APEC Website
  - Speakers Confirm Participation
  - Process Requested Changes
- Collect Presenter Data and Presentation Content
  - Profiles, Bios, and Photos
  - Presentation Files
    - PowerPoint Files
    - Presentation PDFs

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# Responsibilities of Presenters and Co-Authors

- **Co-Authors**

- Profile, Photo, Bio

- **Presenters**

- Profile, Bio, Photo
  - Upload Presentation Files
    - PowerPoint Slides
    - PDF version of PowerPoint slides
  - Provide Materials by the Deadlines (draft and final)
  - Register for APEC and present in San Antonio





# APEC 2026

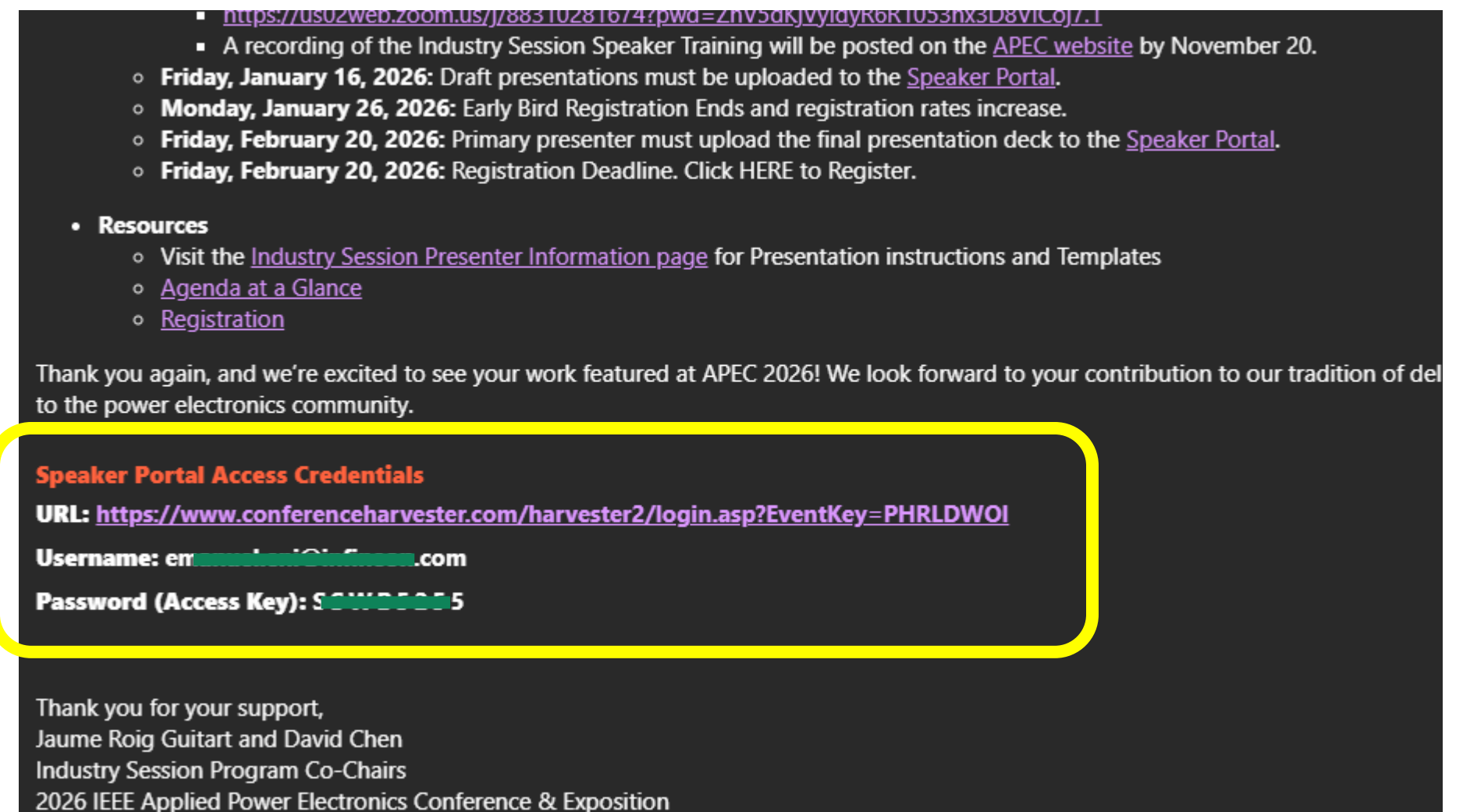
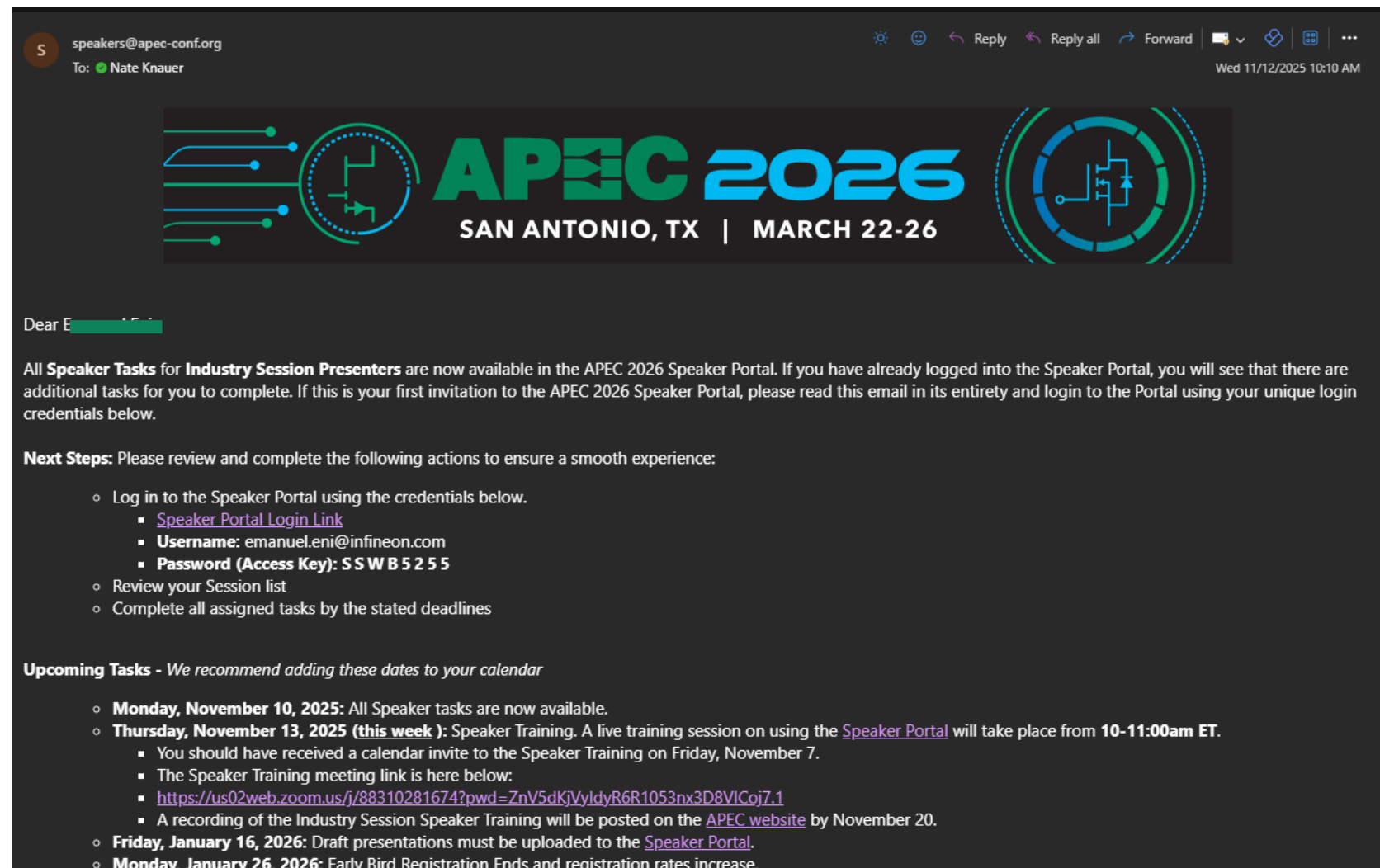
SAN ANTONIO, TX | MARCH 22-26



## Speaker Portal Step-by-Step

# The Invitation Email

- Presenters are Invited to the Speaker Portal via email
- Unique Access Credentials
- Invitation Emails Contain a Click-to-Login Link




# Login Screen




## Welcome to the Speaker Portal

Login below to complete your tasks

Log in to the Speaker Portal





Login

Lost your access key?

speakers@apec-conf.org

# Data Protection Agreement



## Privacy Notice

Please carefully read the text below and then indicate your consent at the bottom of the page.



### Summary

We are collecting your personal data on behalf of Applied Power Electronics Conference to allow them to manage the submission, review, selection, and scheduling process for your conference submissions, awards, or grants through our platform. We may share your information with Applied Power Electronics Conference's vendors related to registration, membership and 3rd party analytics related services.



### Full Text (version 2458-24870-2344)

#### 1. What we need

Our Personal Data Protection Policy governs the use and storage of your data. You can find our policy at <https://www.gocadmium.com/privacy-policy>. The terms personal data and personal information are interchangeable. Applied Power Electronics Conference is a Controller of the personal data you provide. Cadmium is its Processor. The following types of personal data we collect from you, however are not limited to: Full name, telephone number, position, organization, company address, email address, phone number, login name, department, role, biography, and digital identity (photo).

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### Consent

☐ I have reviewed the privacy notice above and consent to the processing of my data. I am aware and I was informed that I may withdraw my consent at any time by contacting the Data Controller.

Enter your e-signature


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Please type your full name on the line above.


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# Task List Page


[Speaker Portal](#)



[Log Out](#)



Task Progress (60%)



[Event Details](#)



[Technical Support](#)


EVENT INFORMATION



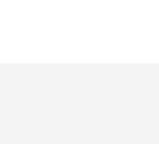

**Dates:** Mar 22 – 26, 2026 (Sun — Thu)



**Location:**  
 Henry B. Gonzalez Convention Center  
 San Antonio, Texas



**More Information:** [Website](#)


**Contact the Event Organizer**


YOUR INFORMATION




**Ernesto E. E. PhD** (4 Logins)


[View / Edit Your Profile](#)


FEEDBACK








We always welcome feedback and want to hear what you like and your suggestions. [Give Feedback Now](#)


TASKS

(you have 2 left to complete out of a total 5 assigned tasks)



- 
 Verify Your Profile Information (completed 11/6/2025 at 10:45 AM)
- 
 Update Your Biography (completed 11/6/2025 at 10:47 AM)
- 
 Upload Your Photograph (completed 11/6/2025 at 10:47 AM) -- [PREVIEW UPLOAD](#)
- 
[Upload Presentation Slides or Digital Poster File](#) (task is due Friday, February 20, 2026)
- 
[Upload a PDF of Your Presentation or Poster](#) (task is due Friday, February 20, 2026)

PRESENTATION DATA



# Task List Page

✖ [Upload a PDF of Your Presentation or Poster](#) (task is due Friday, February 20, 2026)

## PRESENTATION DATA



### Individual Presentation Proposal

Tuesday, March 24, 2026

8:30 AM – 11:55 AM

### (IS05) Gate Drivers and their Applications

Industry Session Chair: Emanuel Eni, PhD – Application Engineer, Infineon Technologies AG

Industry Session Chair: Yifu Zhang – Application Engineer, Infineon Technologies

### Individual Presentation Proposal

Session: (IS05) Gate Drivers and their Applications (8:30 AM – 11:55 AM)

Tuesday, March 24, 2026

11:30 AM – 11:55 AM

### (IS05.7) Decoding the isolated gate driver's datasheet: Clarity beyond the bullet points

Industry Session Presenter: Emanuel Eni, PhD – Application Engineer, Infineon Technologies AG

Co-Author: Gabriel Cretu – Application Engineer, Infineon technologies

### Individual Presentation Proposal

Session: (IS15) Tools and Automation for Design and Testing (1:30 PM – 4:55 PM)

Wednesday, March 25, 2026

1:30 PM – 1:55 PM

### (IS15.1) Design and optimization of an automated double-pulse-test setup for WBG power devices with self-adjusting deskew

Industry Session Presenter: Yifu Zhang – Application Engineer, Infineon Technologies



# Profile, Photo, and Biography Tasks

## TASKS (you have 2 left to complete out of a total 5 assigned tasks)

- ✓ Verify Your Profile Information (completed 11/6/2025 at 10:45 AM)
- ✓ Update Your Biography (completed 11/6/2025 at 10:47 AM)
- ✓ Upload Your Photograph (completed 11/6/2025 at 10:47 AM) -- [PREVIEW UPLOAD](#)
- ✗ Upload Presentation Slides or Digital Poster File (task is due Friday, February 20, 2026)
- ✗ Upload a PDF of Your Presentation or Poster (task is due Friday, February 20, 2026)



Emanuel Eni, PhD

Infiniteon Technologies AG

Dr. Emanuel Eni is leading the isolated gate driver ICs technical marketing team at Infineon Technologies. He obtained his M.Sc. and PhD in power electronics from Aalborg University in Denmark in 2013 and 2017, respectively. Since 2016 he has been with Infineon Technologies, Germany. His main area of interest are wide-bandgap power devices and ensuring proper gate loop design in order to ensure adequate performance.

Presentation(s):

**IS05 - Gate Drivers and their Applications**

Tuesday, March 24, 2026  
8:30 AM - 11:55 AM CT

**IS05.7 - Decoding the isolated gate driver's datasheet: Clarity beyond the bullet points**

Tuesday, March 24, 2026  
11:30 AM - 11:55 AM CT

**IS15.1 - Design and optimization of an automated double-pulse-test setup for WBG power devices with self-adjusting deskew**

Wednesday, March 25, 2026  
1:30 PM - 1:55 PM CT

# Upload Tasks

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- ✓ Update Your Biography (completed 11/6/2025 at 10:47 AM)
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Favorite Email

Industry Sessions

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Wednesday, March 19, 2025 12:55 PM - 1:20 PM CST Location: Level Four, A410

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**Ben Lough (he/him/his)**  
Texas Instruments

[Presentation](#)

**Description:** This talk will first examine the unique power conversion needs in modern organic light-emitting diode television (OLED TV) displays and their impact on the design of the isolated DC/DC conversion stages used to power the OLED backlight bias, audio amplifier bias and timing/control power. The focus of the presentation will look at the use of silicon metal-oxide-semiconductor field-effect transistors (MOSFETs) and gallium nitride (GaN) in the primary side half bridge as well as in synchronous rectification (SR) in a side-by-side comparison in an OLED TV power supply unit (PSU) application. An analysis of the effects of Coss linearity, 3rd quadrant voltage, reverse recovery, etc. will be shown and their impact on the overall efficiency and regulation performance will be discussed. Lastly, test results for two power supplies (one using Si field effect transistors (FET), the other using GaN) will be presented.

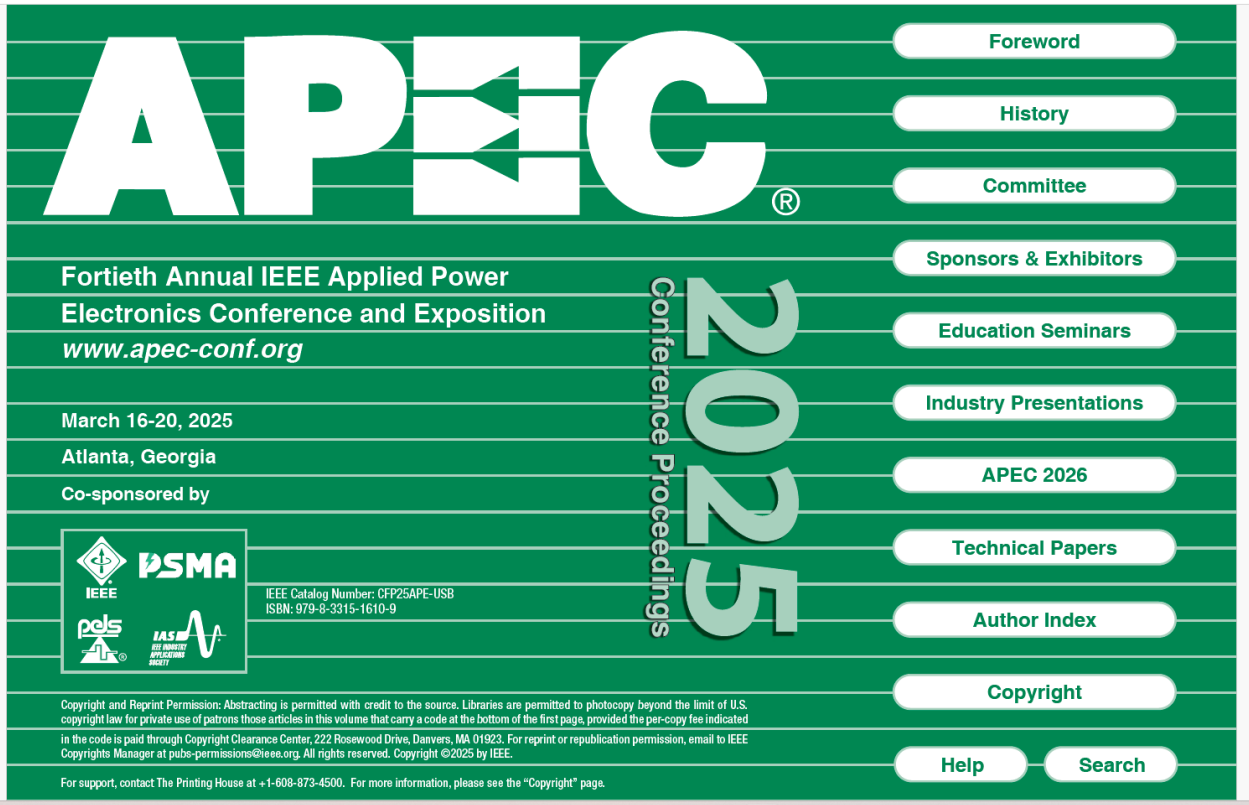
159 Views

Location: Level Four, A410

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SESSION IS15: DC-DC Conversion	
13:30 - 16:55	
SESSION CHAIR(S) Sudhakarababu Chakkirala, <i>Power Integrations</i> Richard Chung, <i>ST Microelectronics</i>	
IS15.1	<a href="#">A Practical, Compact Resonant Transformer Solution for High Voltage Applications</a> Industry Session Presenter: Matthew Russell, <i>Bourns Electronics</i>
IS15.2	<a href="#">Comparison of Silicon MOSFET vs GaN for Isolated Half Bridge LLC Converters in Visual Display OLED TV Applications</a> Industry Session Presenter: Ben Lough, <i>Texas Instruments</i>
IS15.3	<a href="#">How to Achieve 30x Higher Power Density and Ultra-Low EMI with Advanced Integration Technology of Isolated Converters</a> Industry Session Presenter: Pei-Hsin Liu, <i>Texas Instruments</i>
IS15.4	<a href="#">Hybrid Control Method to Extend Gain Range in Phase-Shifted LLC Converter</a> Industry Session Presenter: Ramkumar Sivakumar, <i>Texas Instruments</i>
IS15.5	<a href="#">Hybrid-Flyback: A Novel Power Topology for Ultra-Flat SMPS Designs</a> Industry Session Presenter: Alfredo Medina Garcia, <i>Infineon Technologies AG</i>
IS15.6	<a href="#">Maximize Efficiency in Isolated DC/DC Converters for Electric Vehicle Fast Charging Systems</a> Industry Session Presenter: Christopher New, <i>Wolfspeed</i>

# Upload Tasks - Power Point Slide Upload

**TASKS** (you have 2 left to complete out of a total 5 assigned tasks)

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- ✗ [Upload Presentation Slides or Digital Poster File](#) (task is due Friday, February 20, 2026)
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# Upload Tasks - Power Point Slide Upload (1)



## UPLOAD PRESENTATION SLIDES OR DIGITAL POSTER FILE

(task is due Friday, January 9, 2026)



Individual Presentation Proposal

Session: (IS05) Gate Drivers and their Applications (8:30 AM - 11:55 AM)

Tuesday, March 24, 2026

11:30 AM - 11:55 AM

(IS05.7) Decoding the isolated gate driver's datasheet: Clarity beyond the bullet points

Industry Session Presenter:

Emanuel Eni, PhD - Application Engineer, Infineon Technologies AG

Co-Author: Gabriel Cretu - Application Engineer, Infineon technologies



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Please upload your Power Point Slide Deck or digital Poster file. Technical Lecture and Industry Files must be in .ppt or .pptx file format. Technical Dialogue and Professional Seminar files can be in .ppt, pptx, or .pdf file format.

**Industry, Seminar, and Lecture Presenters:** This is the file you will use to present in-person at APEC. These slides will be available in the APEC 2026 Mobile App

**Technical Dialogue Presenters:** This digital version of your poster will be available in the APEC 2026 Mobile App.

Please use the appropriate template and file-naming convention (see below).

### Presentation Templates:

- [Industry Sessions](#)
- [Industry Sessions \(PSMA\)](#)
- [Technical Lectures](#)
- [Technical Dialogues](#)
- [Professional Education Seminars](#)

Power Point Templates

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# Upload Tasks - Power Point Slide Upload (2)

- [Technical Dialogues](#)
- [Professional Education Seminars](#)

File Naming Conventions:

**Industry Sessions:** Session Number\_Last Name | example: IS05.3\_Williams

**Technical Lectures and Technical Dialogues** Session Number\_4-Digit-Paper-ID\_Last Name | example: T01.2\_1234\_Anderson

**Professional Education Seminars:** Session Number\_Last Name | example: S03\_Clark

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File Naming Conventions

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# Upload Tasks - Power Point Slide Upload (2)

- [Technical Dialogues](#)
- [Professional Education Seminars](#)

File Naming Conventions:

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**Technical Lectures and Technical Dialogues** Session Number\_4-Digit-Paper-ID\_Last Name | example:  
**T01.2\_1234\_Anderson**

**Professional Education Seminars:** Session Number\_Last Name | example: **S03\_Clark**

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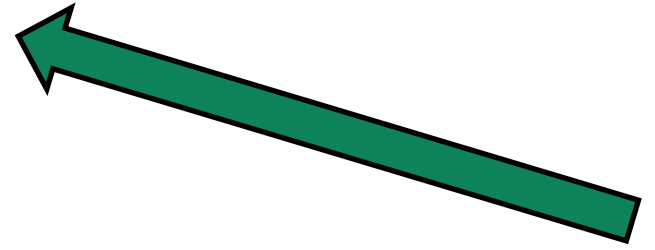
## Presentation Templates:

- Industry Sessions
- Industry Sessions (PSMA)
- Technical Lectures
- Technical Dialogues
- Professional Education Seminars

If your presentation is not a part of a PSMA-sponsored Session, use the **"Industry Sessions"** template



If your presentation is part of a PSMA-sponsored Session, use the **"Industry Sessions (PSMA)"** template





# Regarding Presentation Templates

## APEC 2026 Industry Sessions

Wednesday, March 25, 2026	
8:30 AM - 11:55 AM CT	<div>IS07 - Beyond Silicon: Integrated Wide Bandgap Power Solutions for Next-Generation Systems</div> <div>Industry Session Chair: <a href="#">Renee Yawger</a> – Efficient Power Conversion (EPC)</div> <div>Industry Session Chair: <a href="#">Peter Di Maso, MBA</a> – Cambridge GaN Devices</div> <div>PSMA Session</div>
8:30 AM - 11:55 AM CT	<div>IS08 - AI Tools for More Efficient Power Electronics Design</div> <div>Industry Session Chair: <a href="#">Kevin Hermanns</a> – PE-Systems GmbH</div> <div>Industry Session Chair: <a href="#">Stephanie Watts Butler, PhD, PE</a> – WattsButler LLC</div> <div>Industry Session Chair: <a href="#">Jaume Roig</a> – onsemi</div>
8:30 AM - 11:55 AM CT	<div>IS09 - Simulation and Modelling of Power Electronics</div> <div>Industry Session Chair: <a href="#">Harry Soin, MASC</a> – AEI</div> <div>Industry Session Chair: <a href="#">Richard Chung</a> – ST Microelectronics</div>
8:30 AM - 11:55 AM CT	<div>IS10 - Power Supplies for AI Servers</div> <div>Industry Session Chair: <a href="#">Sam Abdel-Rahman</a> – Infineon Technologies America</div> <div>Industry Session Chair: <a href="#">Jitendra Agrawal</a> – Apple</div>
8:30 AM - 11:55 AM CT	<div>IS11 - Overcoming Technical and Manufacturing Challenges to Meet Market Demands</div> <div>Industry Session Chair: <a href="#">George A. Slama</a> – Würth Elektronik</div> <div>Industry Session Chair: <a href="#">Matt Wilkowski, MSEE</a> – Würth Elektronik</div> <div>Industry Session Chair: <a href="#">Ed Herbert, BEEE (he/him/his)</a> – Independent Inventor</div> <div>PSMA Session</div>
8:30 AM - 11:55 AM CT	<div>IS12 - EV Power System Design Challenges</div>

PSMA Sessions are labeled on the APEC website

The PSMA logo appears in the lower right-hand corner of the PSMA Template slide deck


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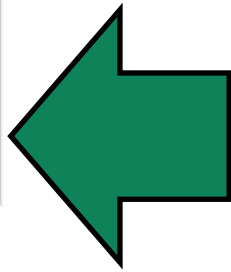
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Authors' Names and Affiliations  
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1 of 6



# Responding to Reviewers (Session Chairs)

- IS Session Chairs are responsible for vetting the quality of Industry Session presentations
- Upload draft versions and revise until Chairs approve as final
- Upload a PDF version only when you have received approval of your final slide deck

# Responding to Reviewers (Session Chairs)

## Session Chairs are Visible on the APEC Website

### APEC 2026 Industry Sessions

All Days Tue, Mar 24 Wed, Mar 25 Thu, Mar 26	
Industry Sessions	
172 results found	
Q Type here to filter the list	
Tuesday, March 24, 2026	
8:30 AM - 11:55 AM CT	<div>IS01 - What Is the Next Killer Application for Wide Bandgap Semiconductors?</div> <div>Industry Session Chair: <a href="#">Timothy K. McDonald</a> – Power Q Consulting, Inc.</div> <div>Industry Session Chair: <a href="#">Peter Di Maso, MBA</a> – Cambridge GaN Devices</div> <div>PSMA Session</div>
8:30 AM - 11:55 AM CT	<div>IS02 - AI and Digital Twins Transforming Power Device Innovation</div> <div>Industry Session Chair: <a href="#">Jaume Roig</a> – onsemi</div> <div>Industry Session Chair: <a href="#">Stephanie Watts Butler, PhD, PE</a> – WattsButler LLC</div> <div>Industry Session Chair: <a href="#">Kevin Hermanns</a> – PE-Systems GmbH</div> <div>PSMA Session</div>
8:30 AM - 11:55 AM CT	<div>IS03 - Capacitor Circuit Design Essentials for Modern Challenges</div> <div>Industry Session Chair: <a href="#">Alan J. Cooper, Ph.D CEng, MIET</a> – YAGEO</div> <div>Industry Session Chair: <a href="#">Frank Puhane, B.Eng (he/him/his)</a> – Würth Elektronik</div> <div>PSMA Session</div>
8:30 AM - 11:55 AM CT	<div>IS04 - 3D-Power Packaging for AI and its Application in Power Systems Optimization</div> <div>Industry Session Chair: <a href="#">Jason Rouse, PhD, MBA</a> – Taiyo America, Inc.</div> <div>Industry Session Chair: <a href="#">Vikas Gupta, PhD</a> – ASF US, Inc.</div>

IS01 - What Is the Next Killer Application for Wide Bandgap Semiconductors?

Industry Session Chair: [Timothy K. McDonald](#) – Power Q Consulting, Inc.

Industry Session Chair: [Peter Di Maso, MBA](#) – Cambridge GaN Devices

IS02 - AI and Digital Twins Transforming Power Device Innovation

Industry Session Chair: [Jaume Roig](#) – onsemi

Industry Session Chair: [Stephanie Watts Butler, PhD, PE](#) – WattsButler LLC

Industry Session Chair: [Kevin Hermanns](#) – PE-Systems GmbH

IS03 - Capacitor Circuit Design Essentials for Modern Challenges

Industry Session Chair: [Alan J. Cooper, Ph.D CEng, MIET](#) – YAGEO

Industry Session Chair: [Frank Puhane, B.Eng \(he/him/his\)](#) – Würth Elektronik



# Responding to Reviewers (Session Chairs)

- Technical Dialogues
- Professional Education Seminars

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**Professional Education Seminars:** Session Number\_Last Name | example: S03\_Clark

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3. Make requested adjustments
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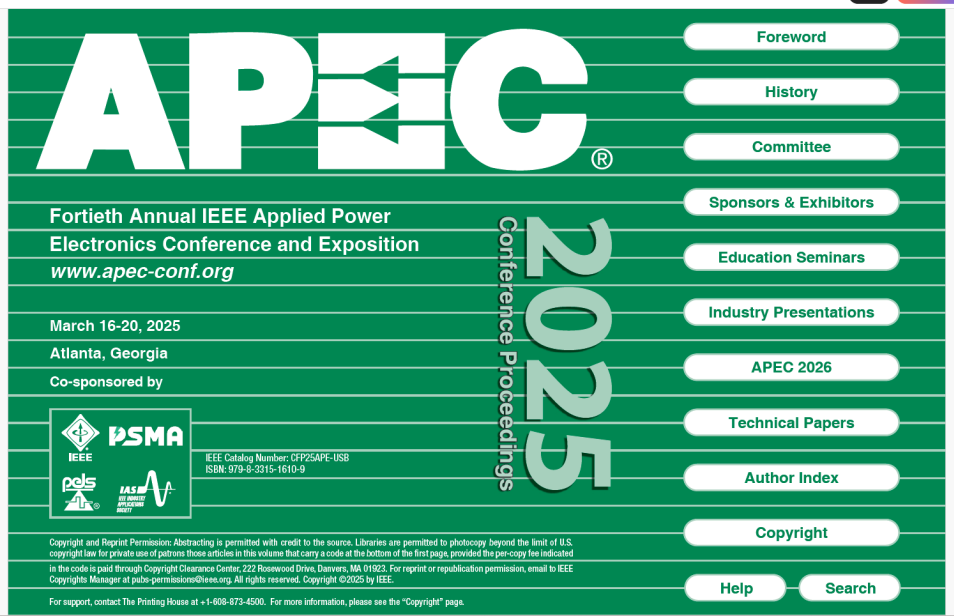
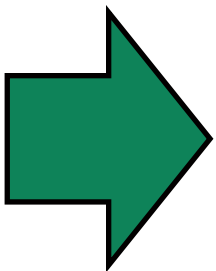
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# Important Dates

- **November 13, 2025:** Industry Session Presenter Webinar
- **November 20, 2025:** Recording of IS Presenter Webinar Posted
- **January 16, 2026:** Draft presentations are due in the Speaker Portal
- **January 26, 2026:** Early Bird registration rate ends
- **February 20, 2026:** Final Presentations are due in the Speaker Portal
  - PowerPoint (for onsite presentation, website, and mobile app)
  - PDF (for proceedings)

# Important Dates (Presentation Files)

## JANUARY 2026

SUN	MON	TUE	WED	THU	FRI	SAT
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	Draft Presentation Due (January 16, 2026)			16	17	
18				23	24	
25	26	27	28	29	30	31

## FEBRUARY 2026

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	Final Presentation Due (February 20, 2026)				20	21
22					27	28
1	2	3	4	5	6	7



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