APEC 2026

SAN ANTONIO, TX | MARCH 22-26

Industry Session Chairs Webinar

December 5, 2025

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)

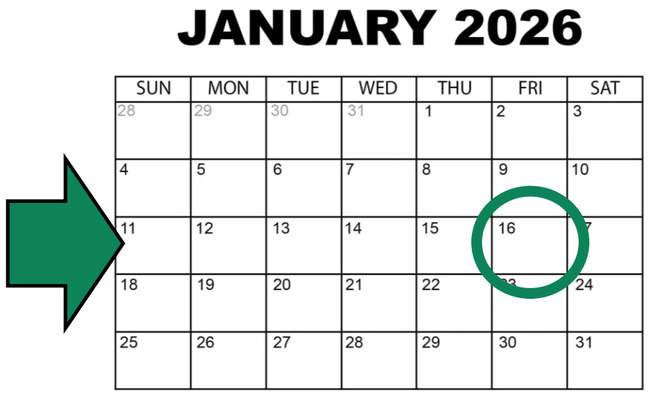
Today's Outline

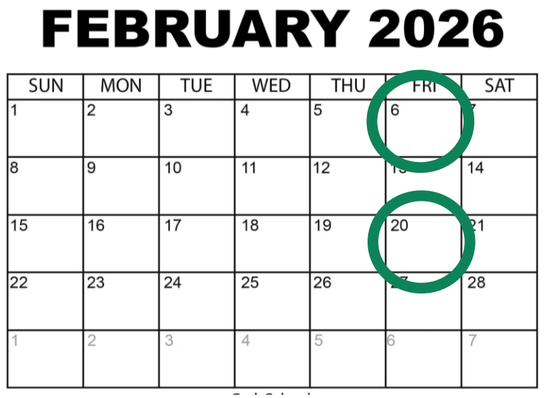
- **Opening**
  - Introductions
  - Purpose
- **The Final Product**
  - The Live Event (APEC 2026)
  - The Digital Products
- **The Process Toward the Final Product(s)**
- **Responsibilities of Session Chairs**
  - Using the Session Chair Portal
  - Register for APEC and present in San Antonio
- **Session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

Important Dates

- **December 5, 2025:** Industry Session Chairs Webinar
- **December 11, 2025:** Recording of IS Chairs Webinar Posted
- **January 16, 2026:** Draft presentations are due in the Speaker Portal
- **January 26, 2026:** Early Bird registration rate ends
- **February 6, 2026:** Session Chair Reviews of Draft Presentations are due
- **February 20, 2026:** Final Presentations are due in the Speaker Portal

Drafts Due





Draft Reviews Due

Finals Due

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	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Draft Presentation Due
(January 16, 2026)

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

Review Draft Files
(February 6, 2026)

Final Presentation Due
(February 20, 2026)

The Two Purposes of Today's Webinar

- Guide Your Use of the Session Chair Reviewer Portal
  - The recording of this webinar and slides will be on the APEC website
  - The APEC content team is available Monday-Friday at speakers@apec-conf.org
- To Promote a High-Quality Content for APEC 2026
  - Live Industry Session Program
  - Digital Products

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speakers@apec-conf.org

The Final Product (Live Event)

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

The Final Product (Digital Products)

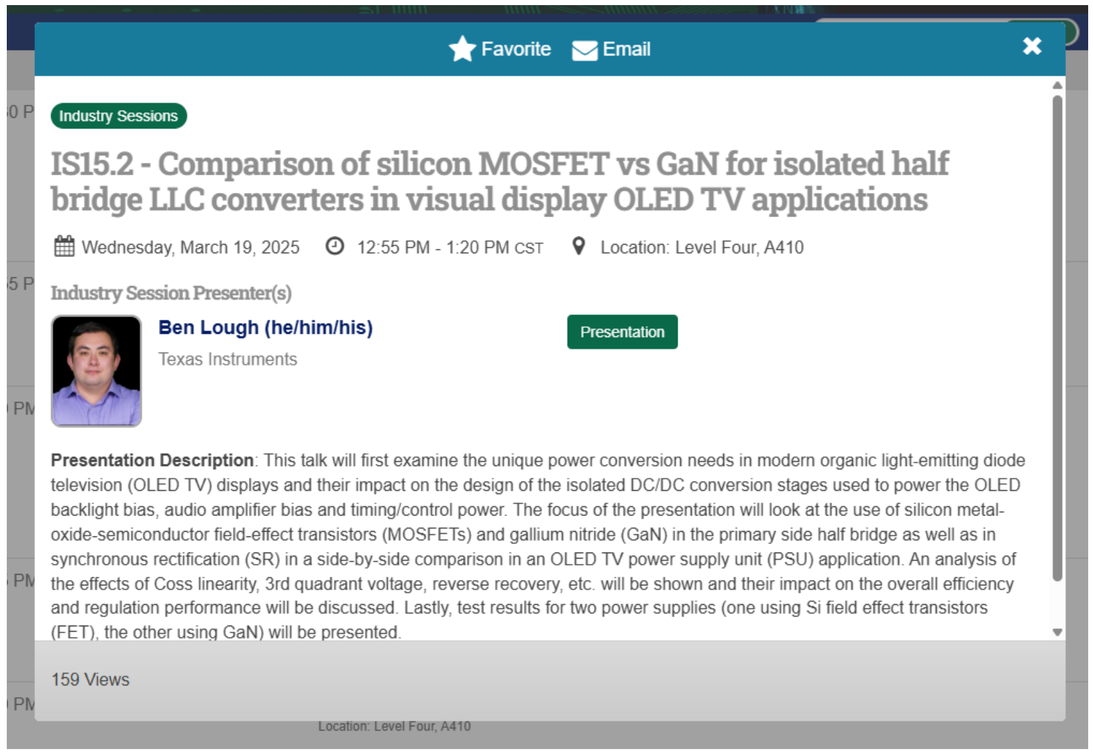
- Website (PowerPoint slides)
- Mobile App (PowerPoint slides)
- Event Proceedings (PDF of slides)

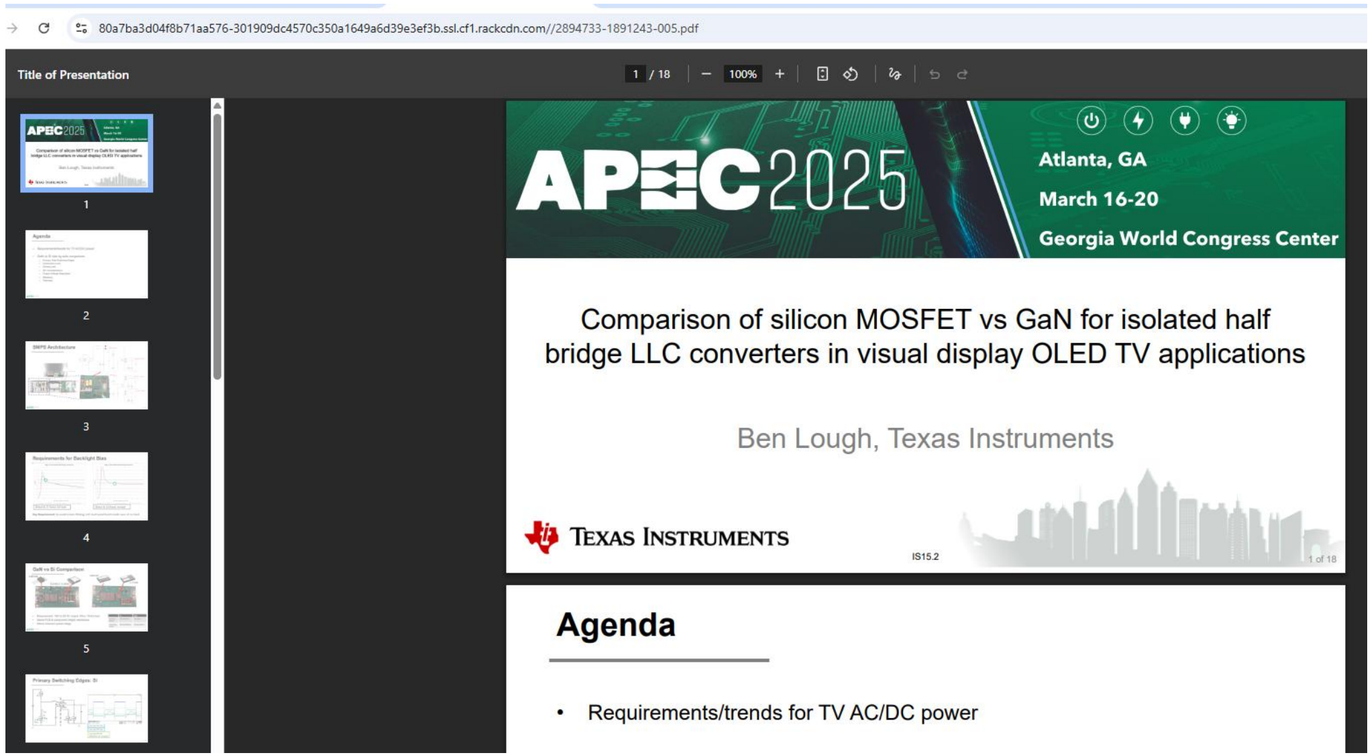
This is the file Session Chairs are reviewing and approving

The Final Product (Digital Products)

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

This is the file Session Chairs are reviewing and approving



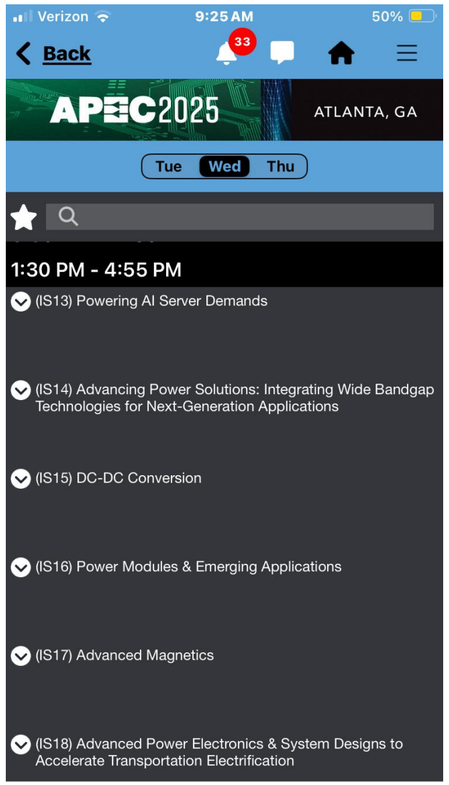


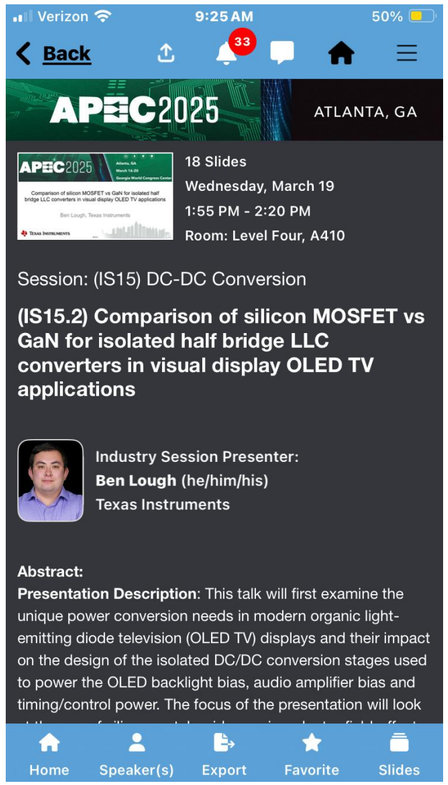
speakers@apec-conf.org

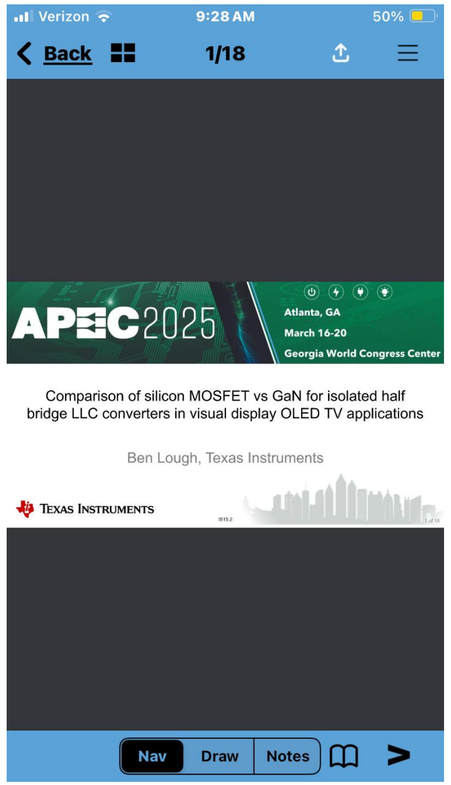
The Final Product (Digital Products)

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

This is the file Session Chairs are reviewing and approving





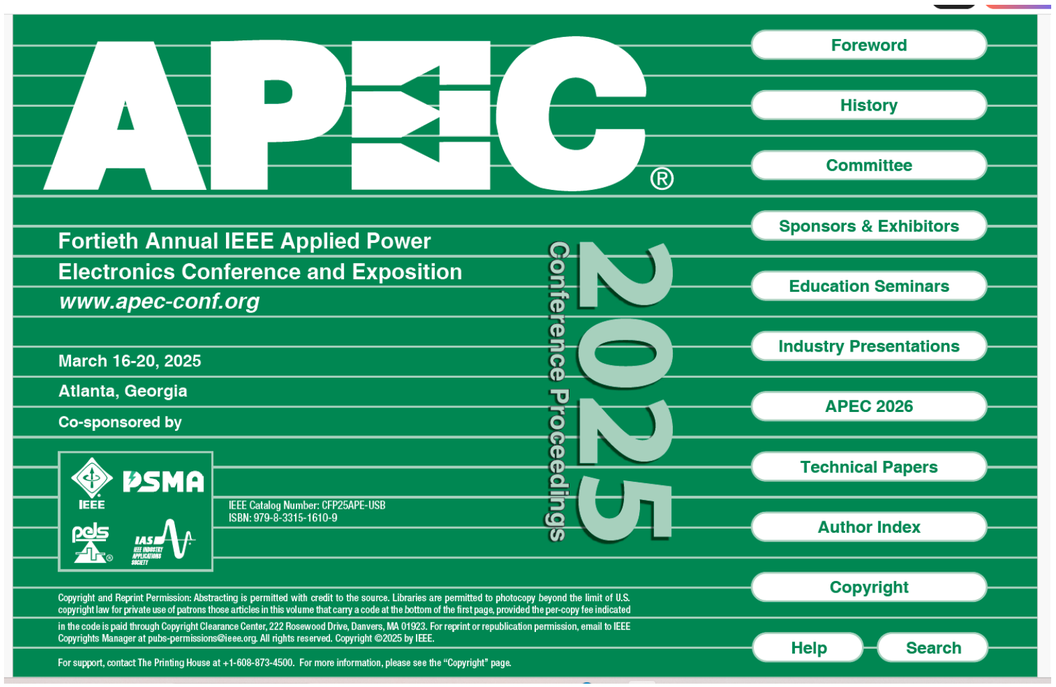


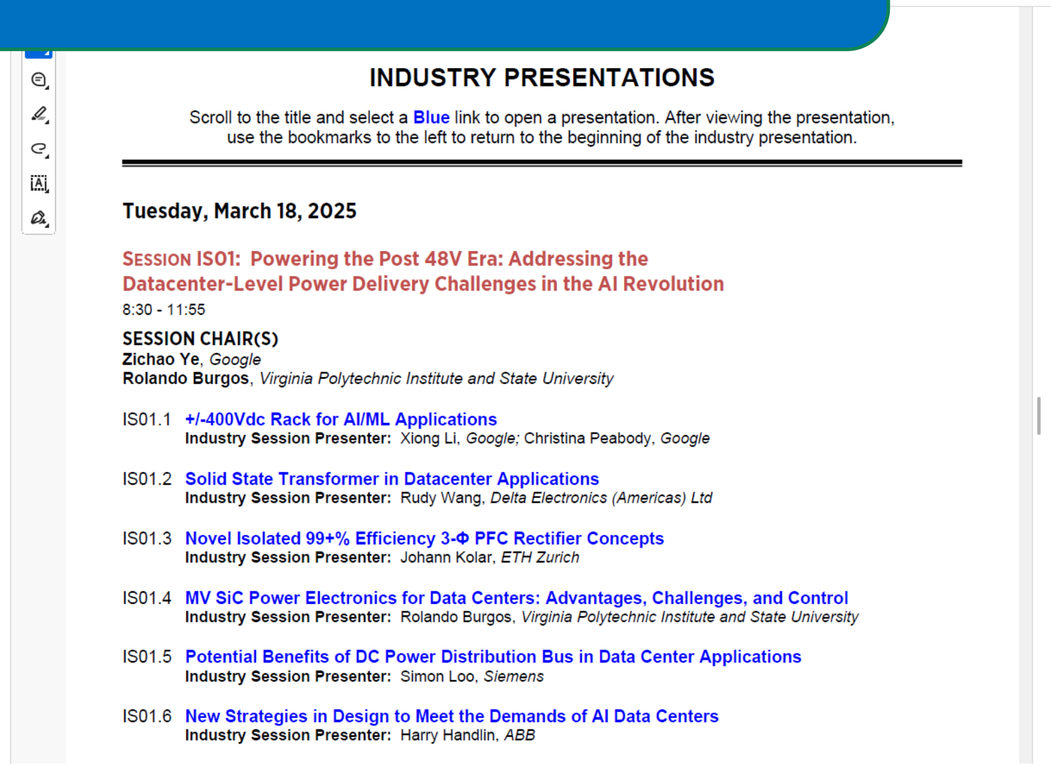
speakers@apec-conf.org

The Final Product (Digital Products)

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

Session Chairs do not have visibility into this file





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*

The Final Product (Digital Products)

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

Session Chairs do <u>not</u> have visibility into this file

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*

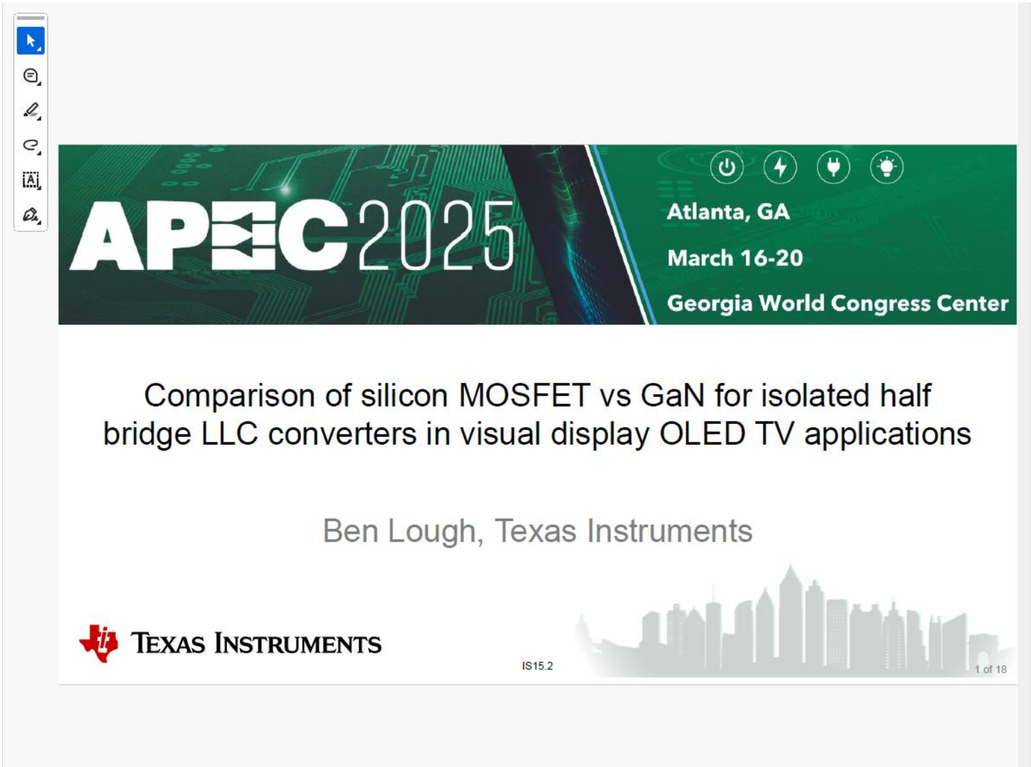
IS15.2 **Comparison of Silicon MOSFET vs GaN for Isolated Half Bridge LLC Converters in Visual Display OLED TV Applications**
Industry Session Presenter: Ben Lough, *Texas Instruments*

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*



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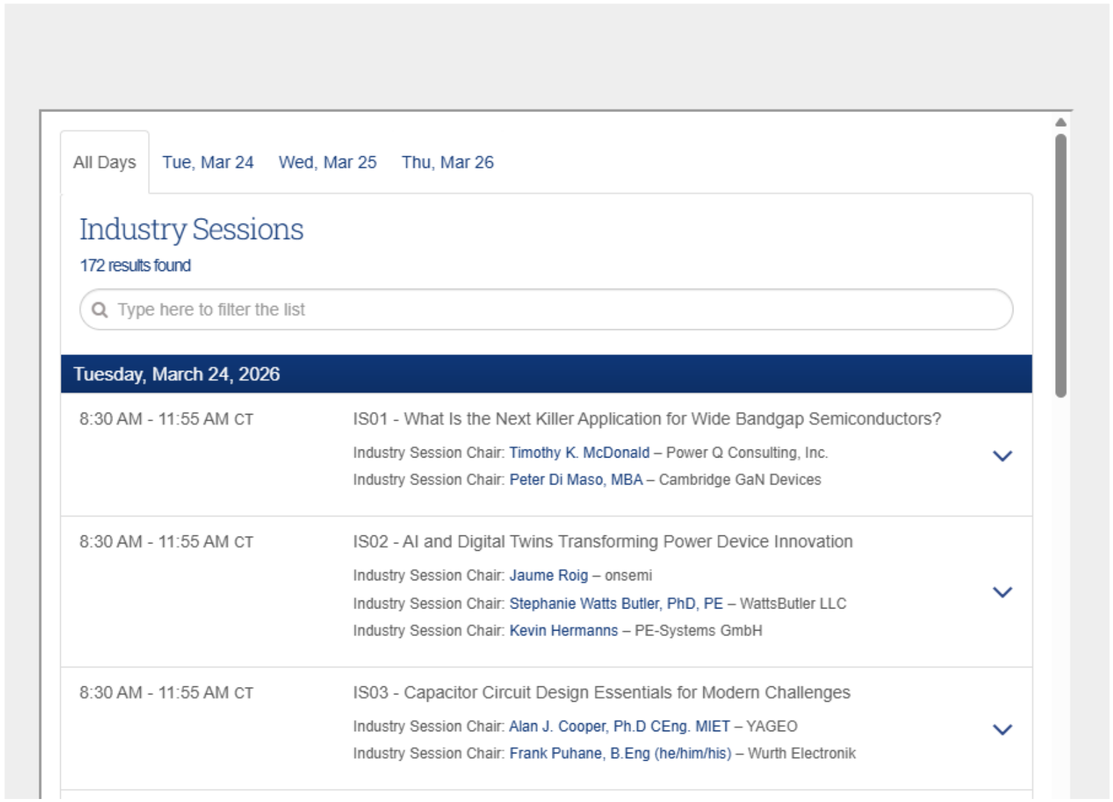
- **Session Chair Reviewer Portal Step-by-Step**

The Process Toward The Final Product

- Confirm the Program (https://apec-conf.org/)

APEC 2026 Industry Sessions



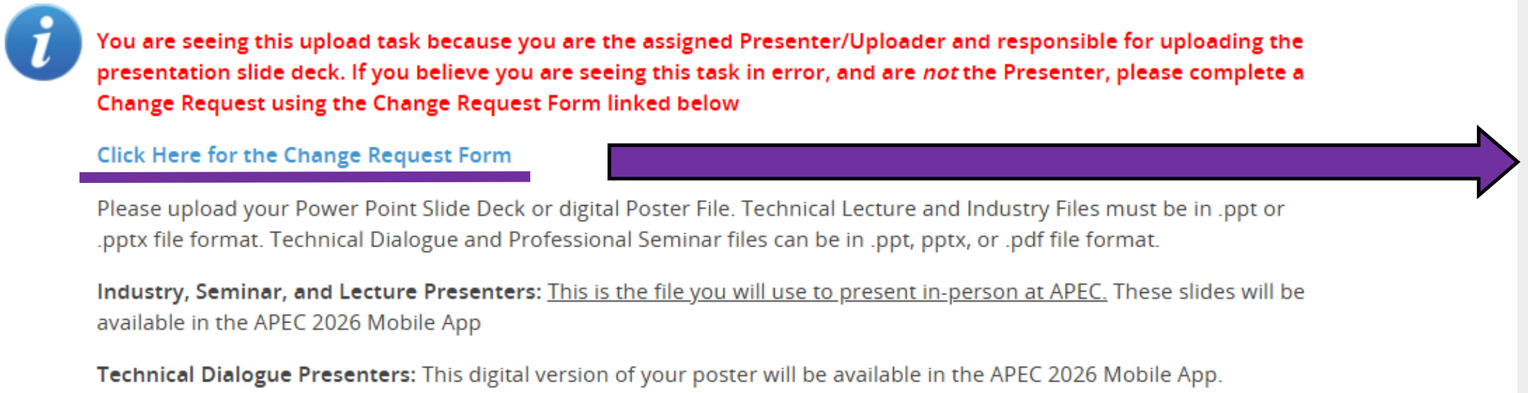
The schedule data on the APEC website is "live."

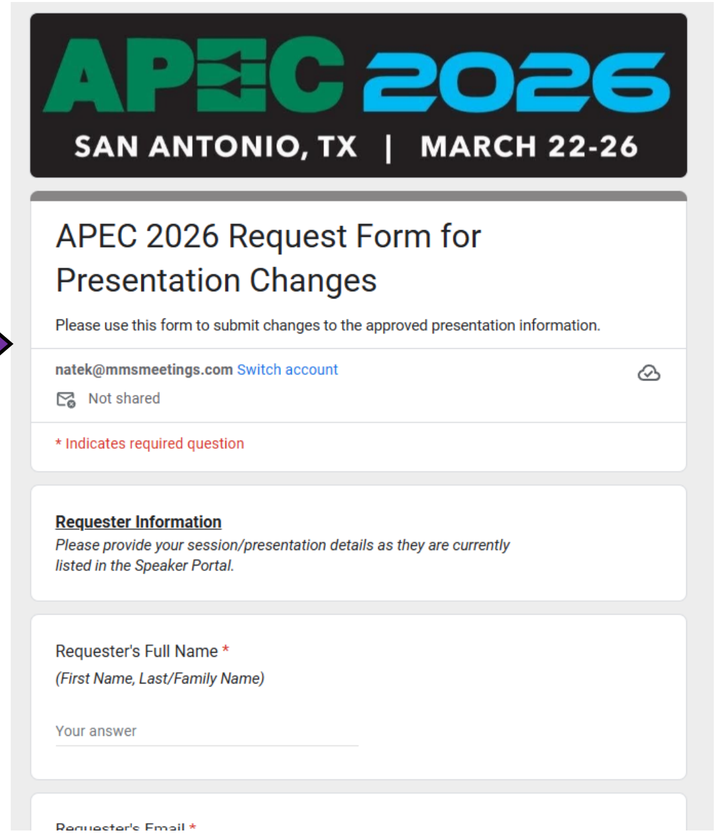
If information is incorrect or out-of-date here, it needs to be updated in the Speaker Portal database

speakers@apec-conf.org

The Change Request Form

- Two Items Presenters and Chairs Cannot Change in the *Speaker Portal*
  - Name and Email
  - Who the Presenter Will Be





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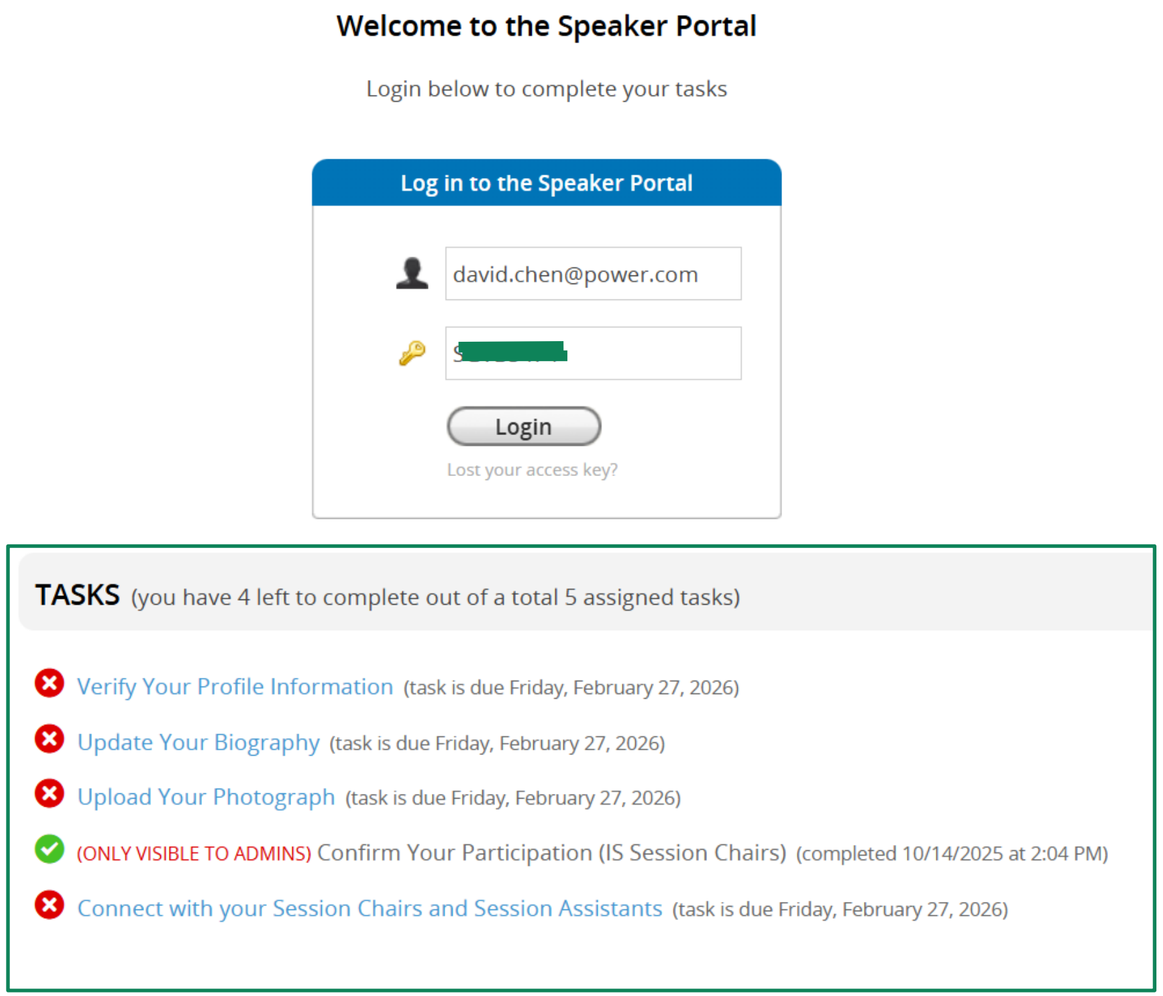
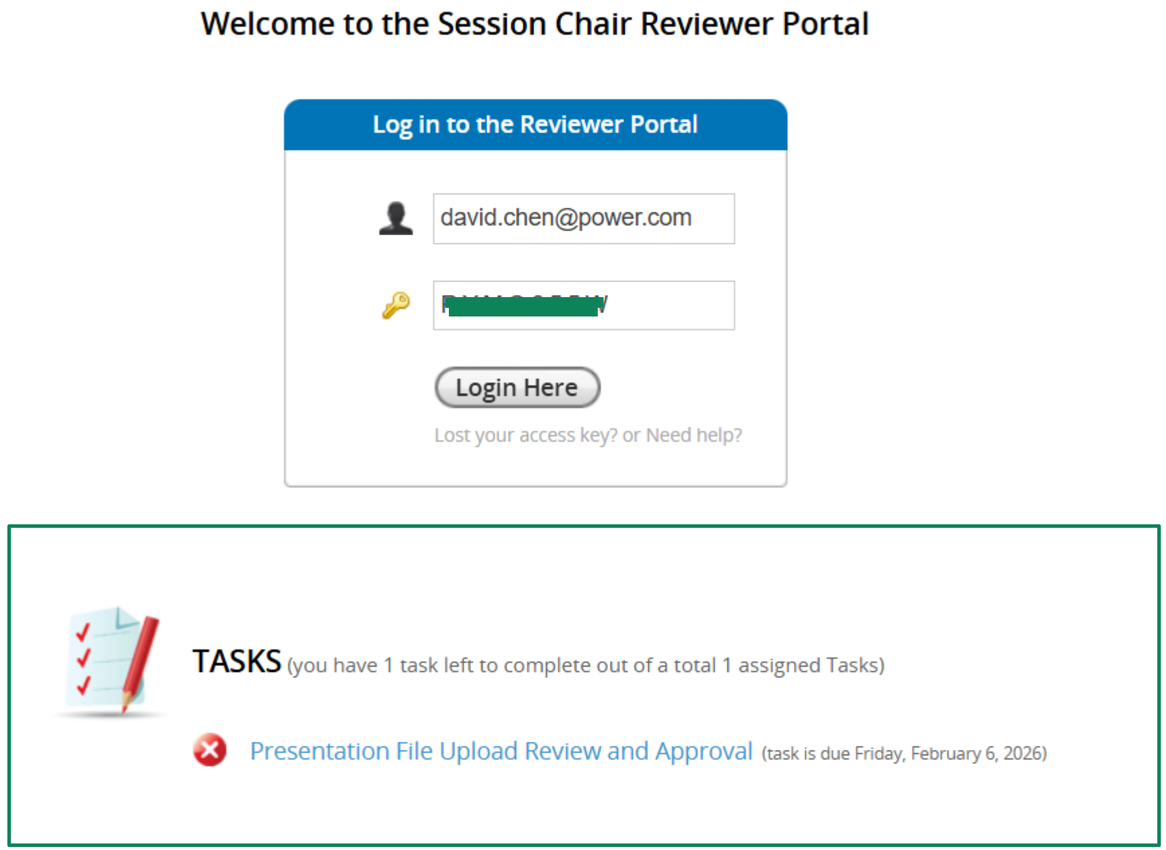
Responsibilities of Session Chairs (Two Portals)

- **In the Speaker Portal**
  - Profile
  - Photo
  - Bio
- **In the Reviewer Portal**
  - Review uploaded slide decks and provide feedback
  - Work with presenters until their slides can be marked "Approved“
  - Contact unresponsive presenters

Speaker Portal and Reviewer Portal





APEC 2026

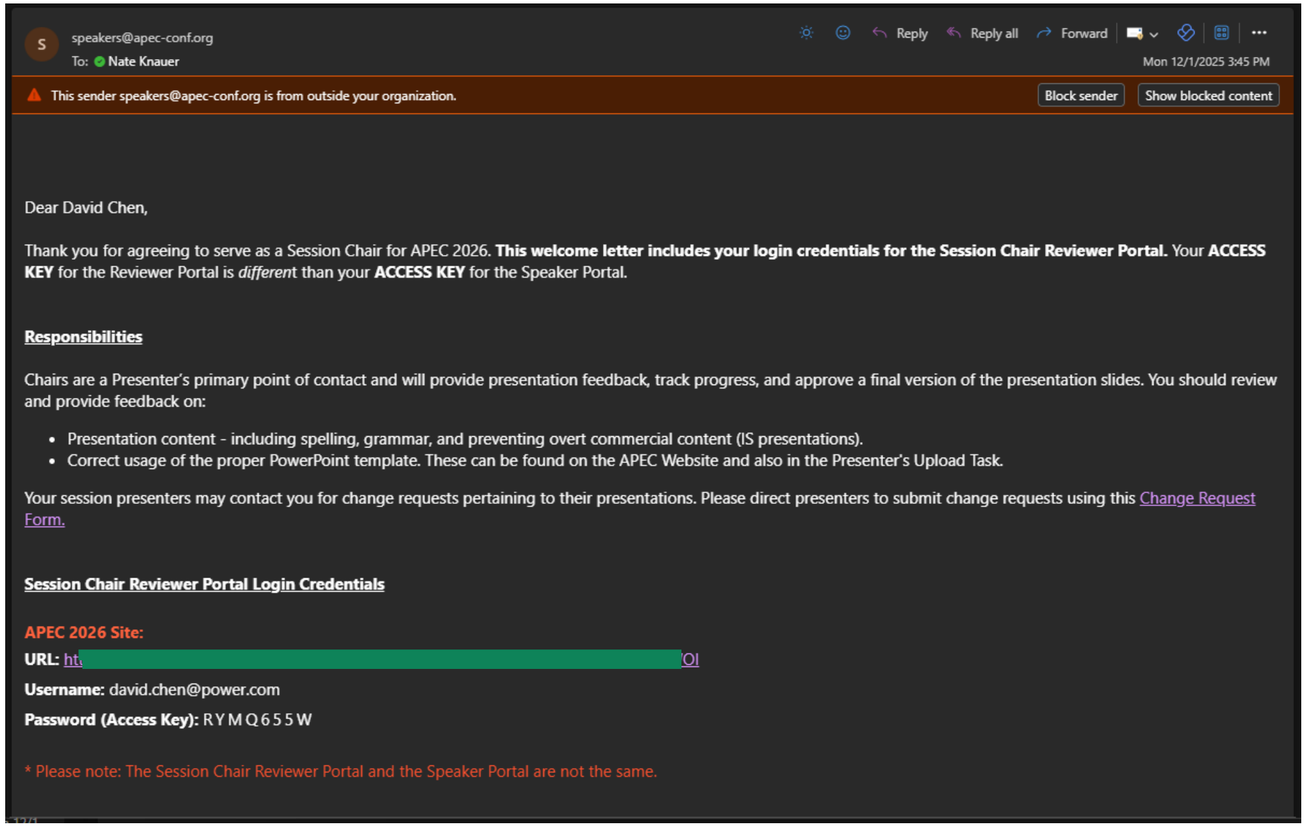
SAN ANTONIO, TX | MARCH 22-26

Reviewer Portal Step-by-Step

speakers@apec-conf.org

The Invitation Email

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



speakers@apec-conf.org
To: Nate Knauer
Reply | Reply all | Forward
Mon 12/1/2025 3:45 PM

This sender speakers@apec-conf.org is from outside your organization. Block sender | Show blocked content

Dear David Chen,

Thank you for agreeing to serve as a Session Chair for APEC 2026. **This welcome letter includes your login credentials for the Session Chair Reviewer Portal.** Your **ACCESS KEY** for the Reviewer Portal is *different* than your **ACCESS KEY** for the Speaker Portal.

Responsibilities

Chairs are a Presenter's primary point of contact and will provide presentation feedback, track progress, and approve a final version of the presentation slides. You should review and provide feedback on:

- Presentation content - including spelling, grammar, and preventing overt commercial content (IS presentations).
- Correct usage of the proper PowerPoint template. These can be found on the APEC Website and also in the Presenter's Upload Task.

Your session presenters may contact you for change requests pertaining to their presentations. Please direct presenters to submit change requests using this Change Request Form.

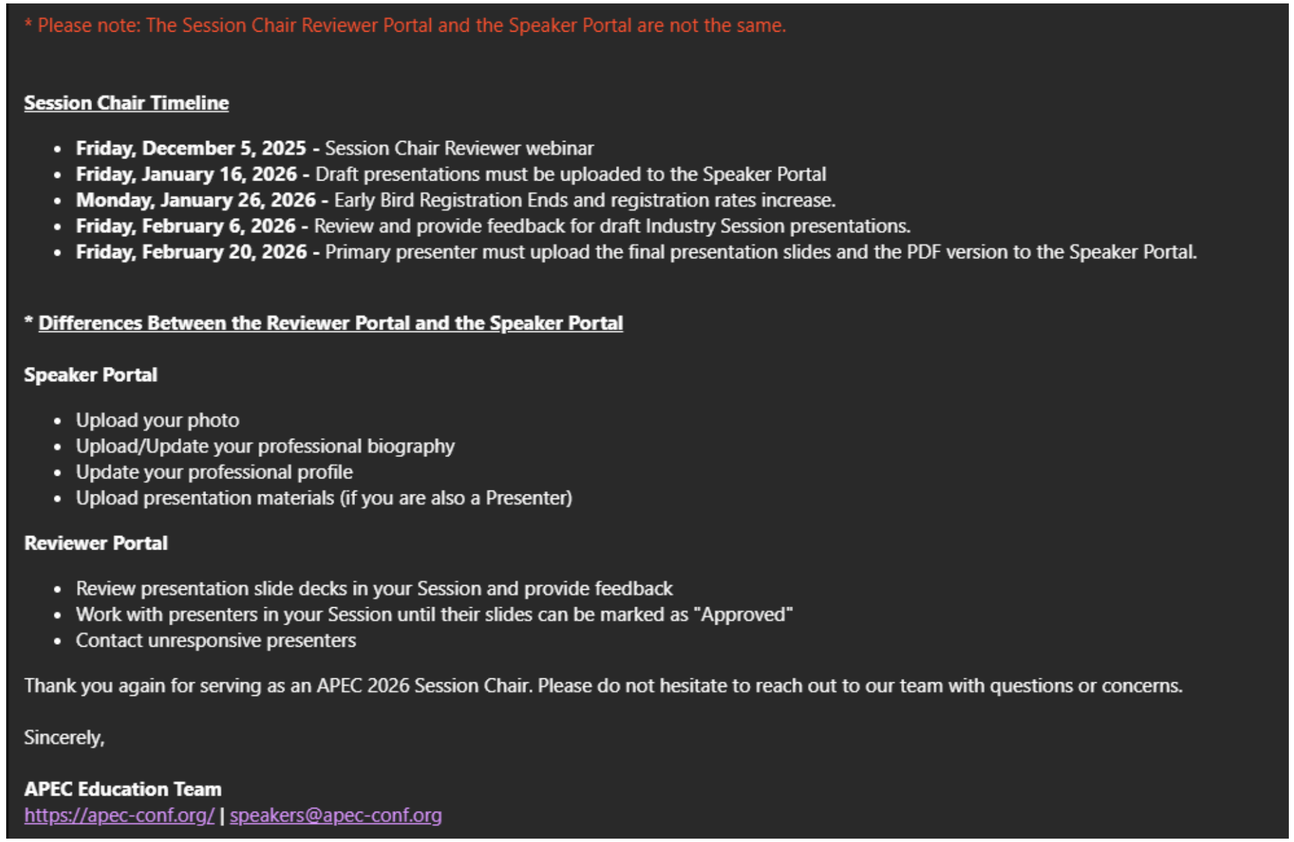
Session Chair Reviewer Portal Login Credentials

APEC 2026 Site:
URL: ht[redacted]OI
Username: david.chen@power.com
Password (Access Key): RYMQ655W

* Please note: The Session Chair Reviewer Portal and the Speaker Portal are not the same.

The Invitation Email

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



* Please note: The Session Chair Reviewer Portal and the Speaker Portal are not the same.

Session Chair Timeline

- **Friday, December 5, 2025 -** Session Chair Reviewer webinar
- **Friday, January 16, 2026 -** Draft presentations must be uploaded to the Speaker Portal
- **Monday, January 26, 2026 -** Early Bird Registration Ends and registration rates increase.
- **Friday, February 6, 2026 -** Review and provide feedback for draft Industry Session presentations.
- **Friday, February 20, 2026 -** Primary presenter must upload the final presentation slides and the PDF version to the Speaker Portal.

*** Differences Between the Reviewer Portal and the Speaker Portal**

Speaker Portal

- Upload your photo
- Upload/Update your professional biography
- Update your professional profile
- Upload presentation materials (if you are also a Presenter)

Reviewer Portal

- Review presentation slide decks in your Session and provide feedback
- Work with presenters in your Session until their slides can be marked as "Approved"
- Contact unresponsive presenters

Thank you again for serving as an APEC 2026 Session Chair. Please do not hesitate to reach out to our team with questions or concerns.

Sincerely,

APEC Education Team
https://apec-conf.org/ | speakers@apec-conf.org

Login Screen

Task List Page (top)

Task List Page (bottom)

REVIEW SUMMARY

No Upload Reviewable In Progress Completed

(IS19.1) Efficiency in Low-Power Isolated DC-DC Conversion for Interface and ...

(IS19.2) Grid-Forming Batteries

(IS19.3) Making Next-Gen AI Data Centers More Available and Efficient by Im...

(IS19.4) The Role of Long Duration Energy Storage to Decarbonise and Establi...

(IS25.1) Single-Stage Resonant Converter for High-Efficiency EV Charging

(IS25.2) The Energy Harvesting Sweet Spot for Self-Powering Wireless Sensor ...

(IS25.3) Centralized Power Distribution and Higher Efficiency for System Ben...

(IS25.4) Using DC-Based Solutions to Enable Fast-Deployed, Scalable, Modula...

Task List Page (top)

The Session Chair's *Review* task is linked the Presenter's *Upload Slides* task

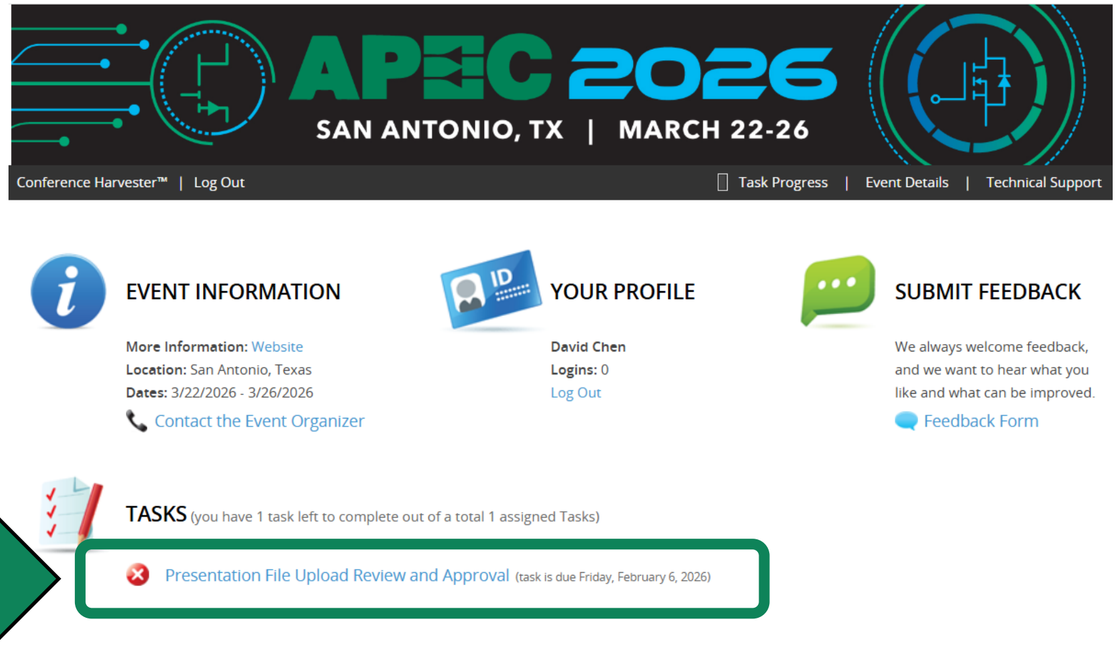
Upload task linked to Review task

Speaker Portal

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)

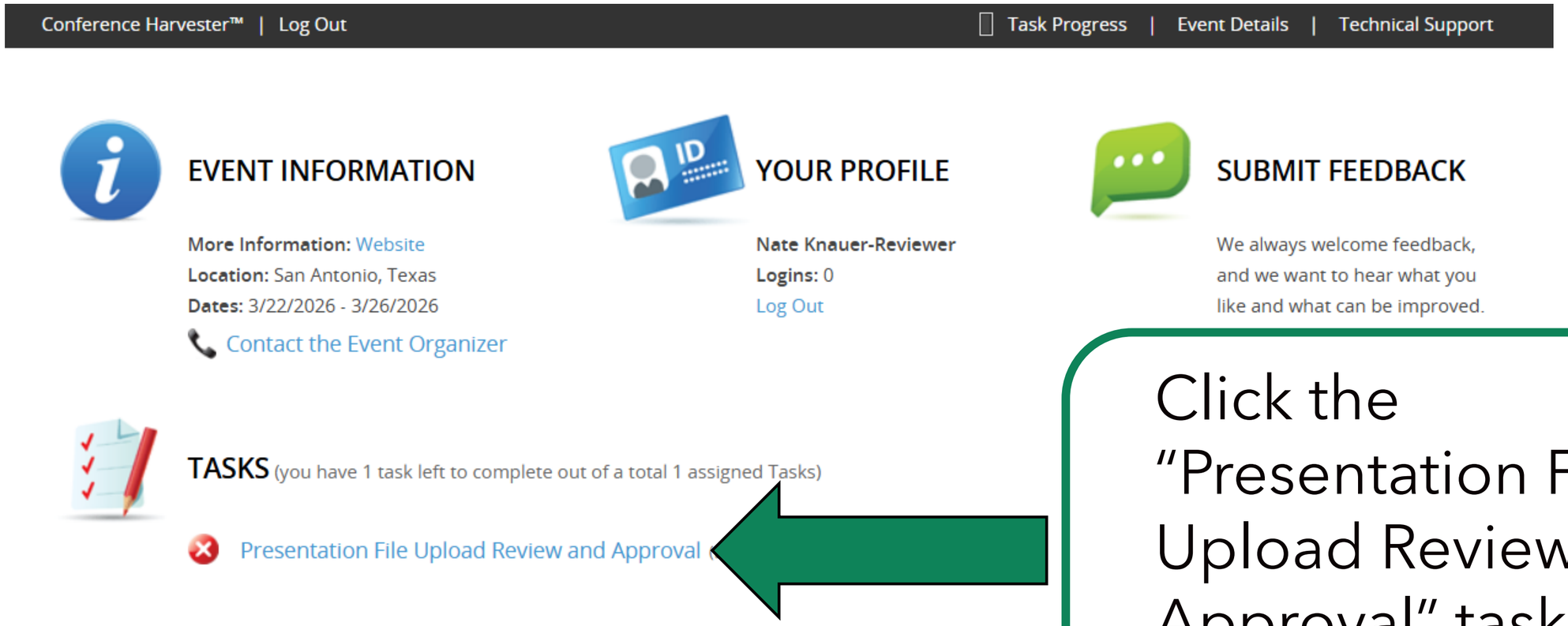
Reviewer Portal



Session Chair Reviewer Responsibilities

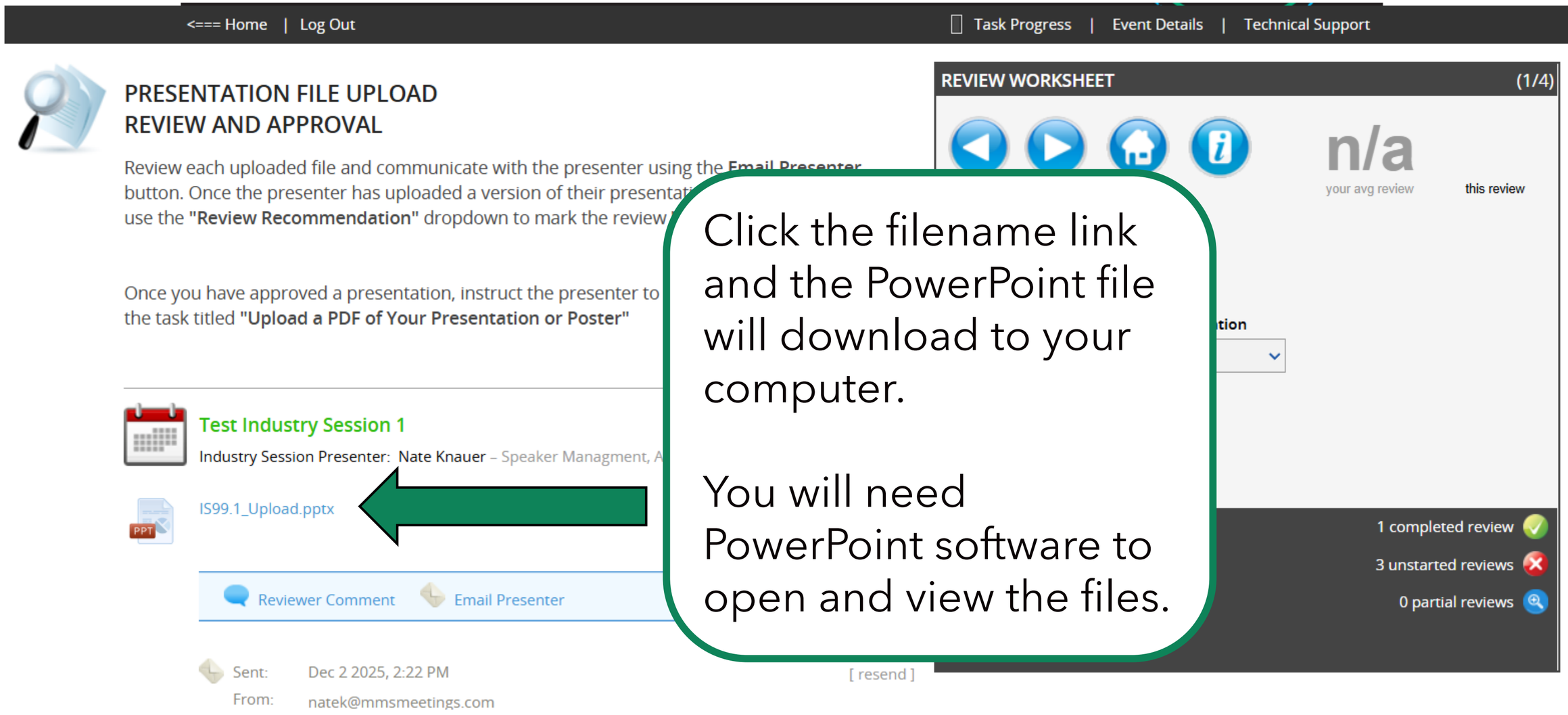
- IS Session Chairs are responsible for vetting the quality of Industry Session presentations
- Download and Review draft versions
- Provide feedback to Presenters
- Review revised versions until the file can be “Approved”
- Presenters are instructed to upload a PDF version *only* after their PowerPoint has been “Approved”

Reviewer Portal Step-by-Step



Click the "Presentation File Upload Review and Approval" task link

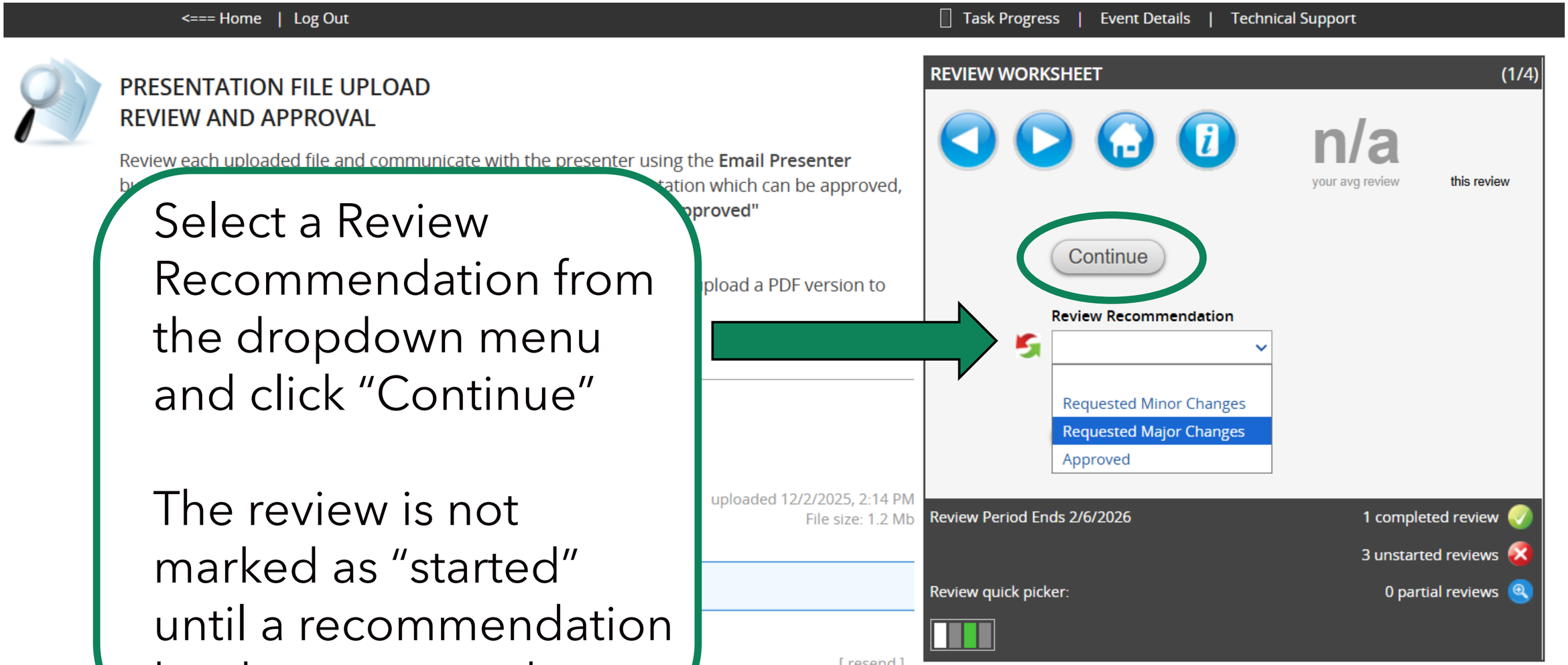
Reviewer Portal Step-by-Step



Click the filename link and the PowerPoint file will download to your computer.

You will need PowerPoint software to open and view the files.

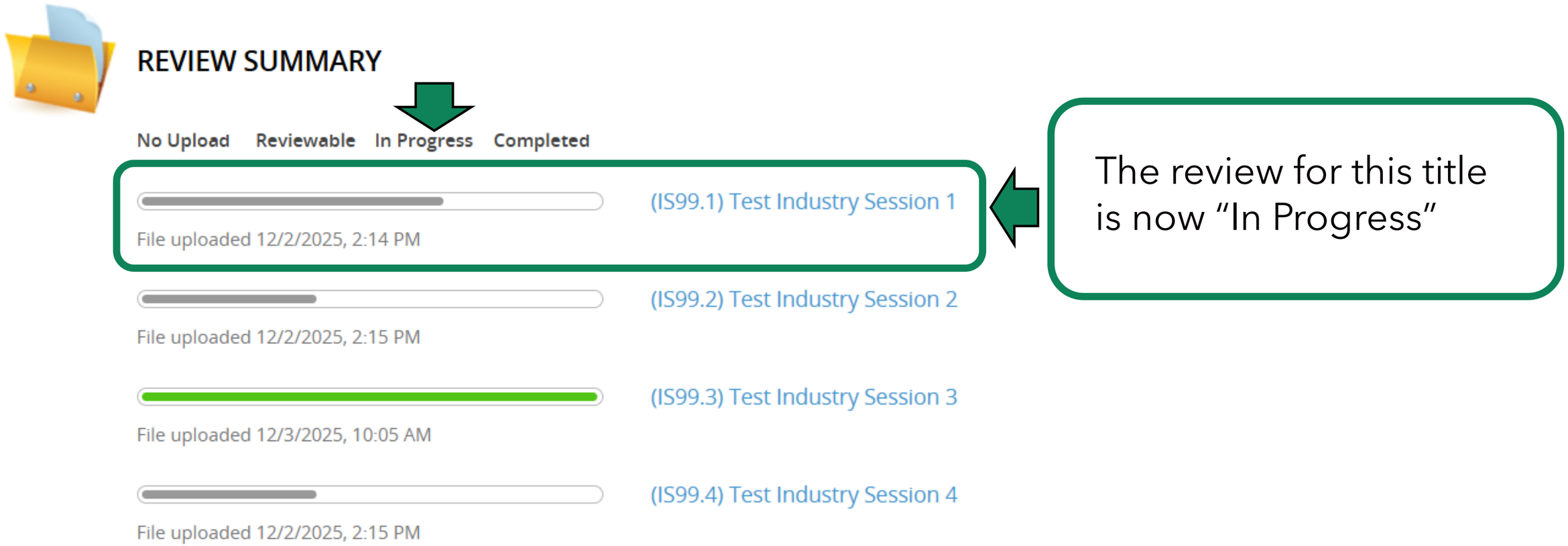
Reviewer Portal Step-by-Step



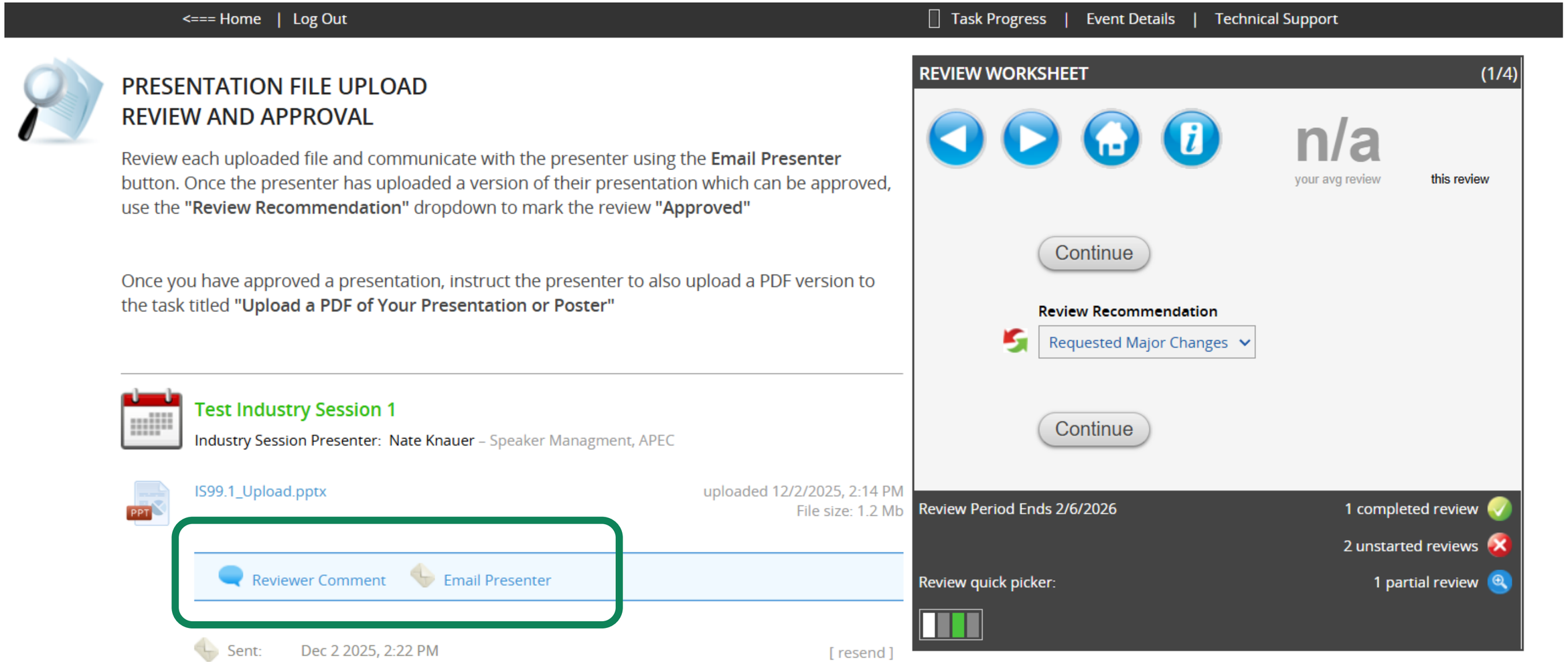
Select a Review Recommendation from the dropdown menu and click “Continue”

The review is not marked as “started” until a recommendation has been entered.

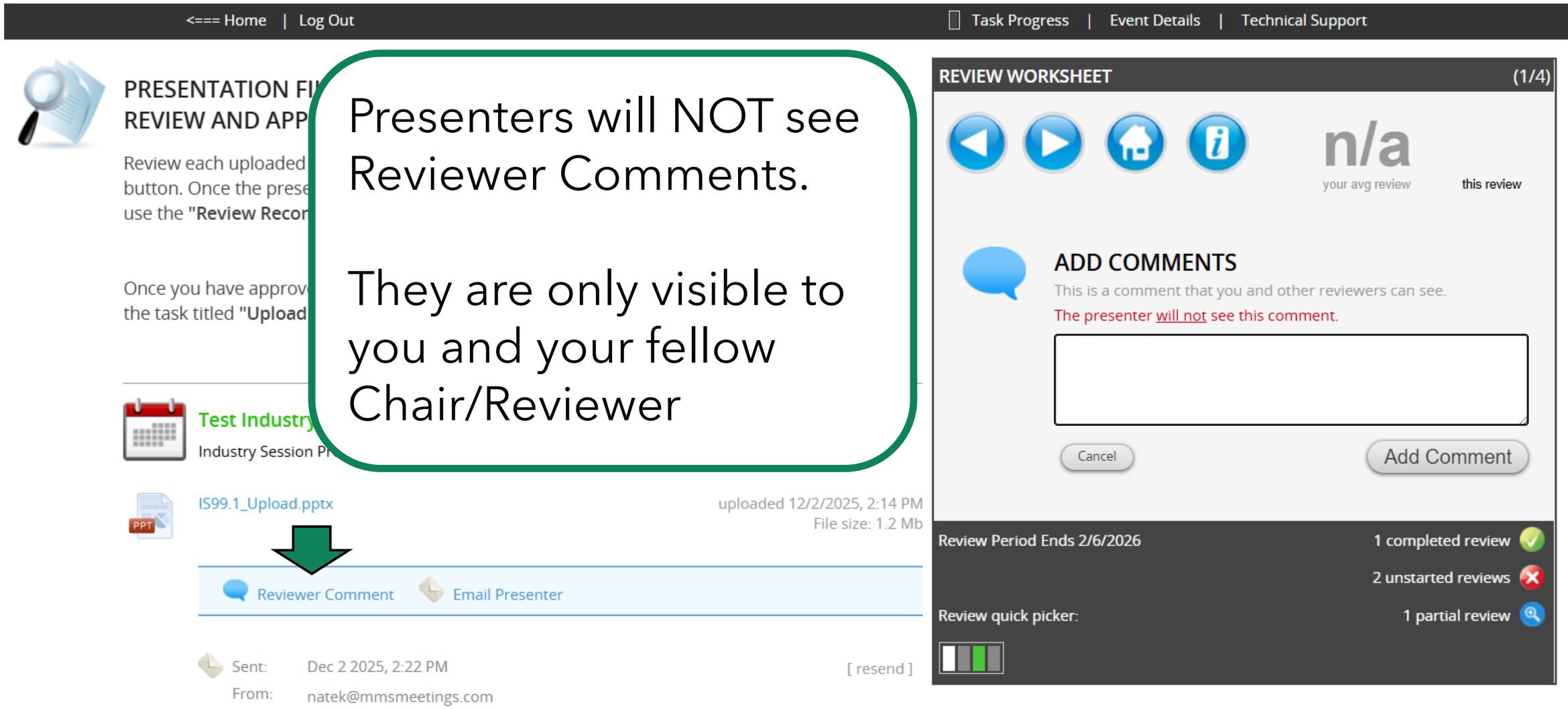
Reviewer Portal Step-by-Step



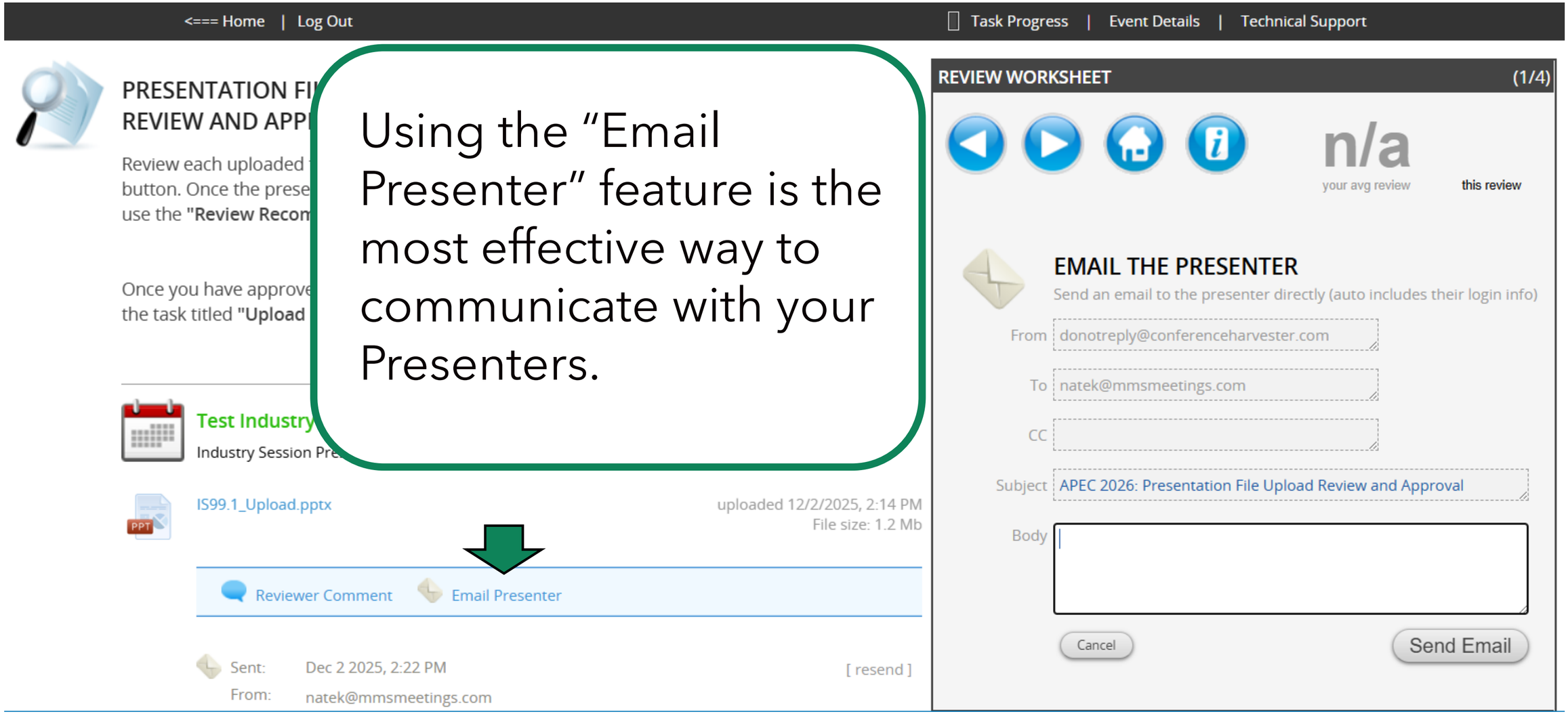
Reviewer Portal Step-by-Step



Reviewer Portal Step-by-Step: Reviewer Comment

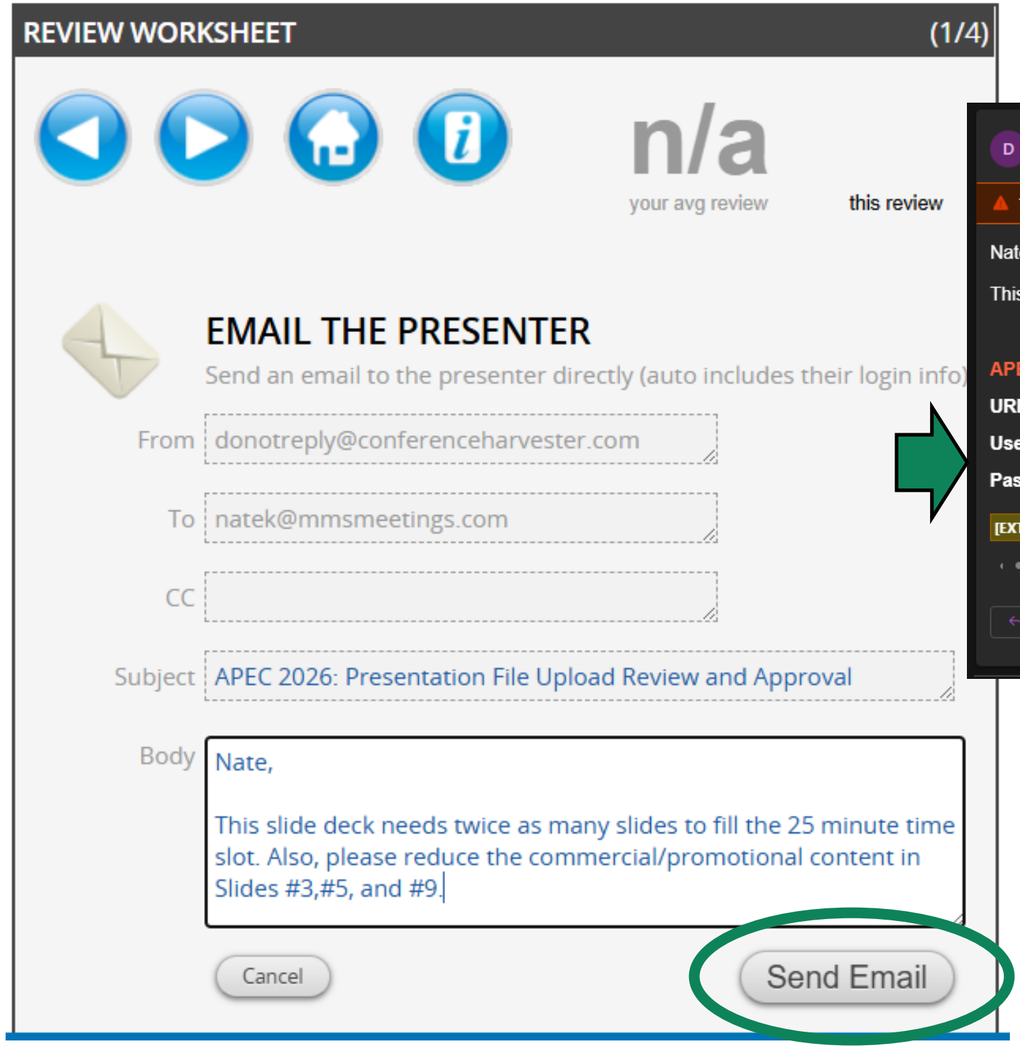


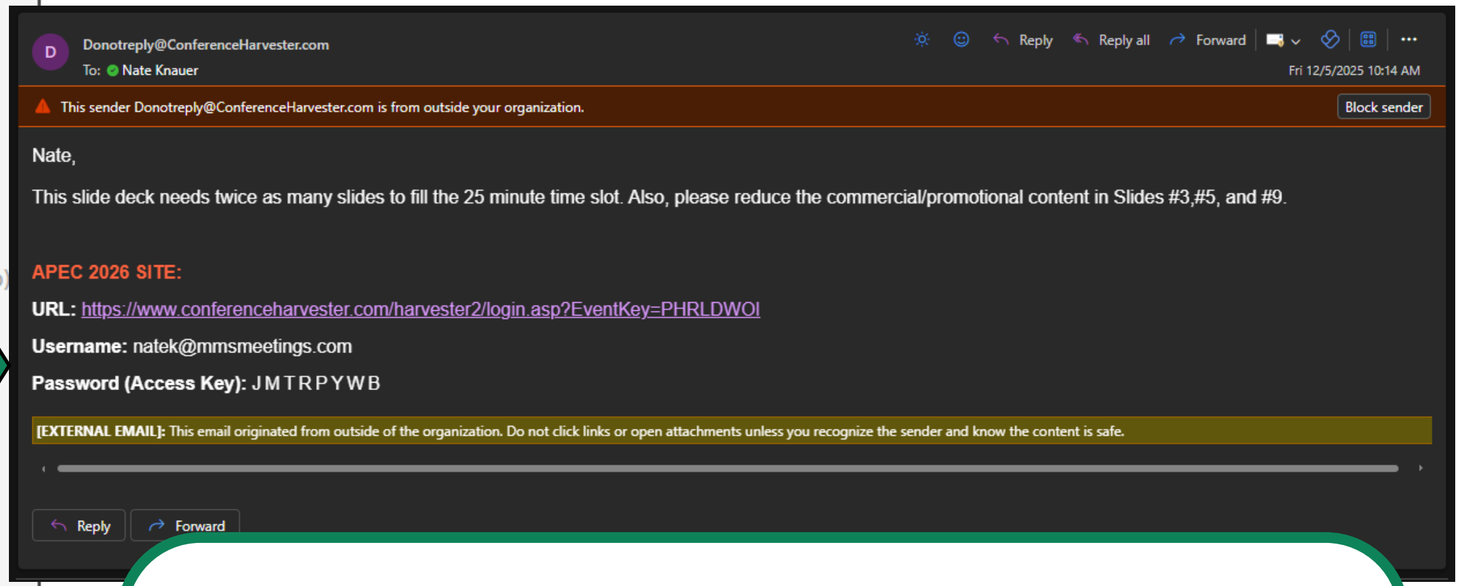
Reviewer Portal Step-by-Step: Email Presenter



Using the "Email Presenter" feature is the most effective way to communicate with your Presenters.

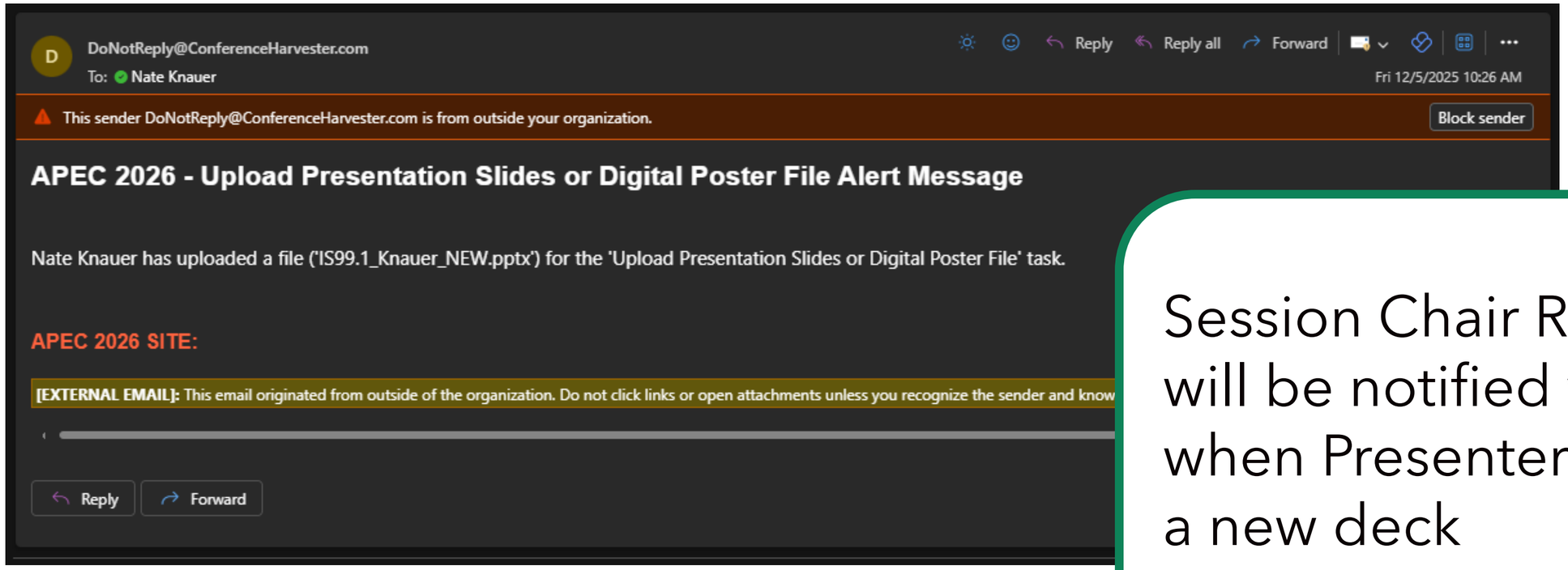
Reviewer Portal Step-by-Step: Email Presenter





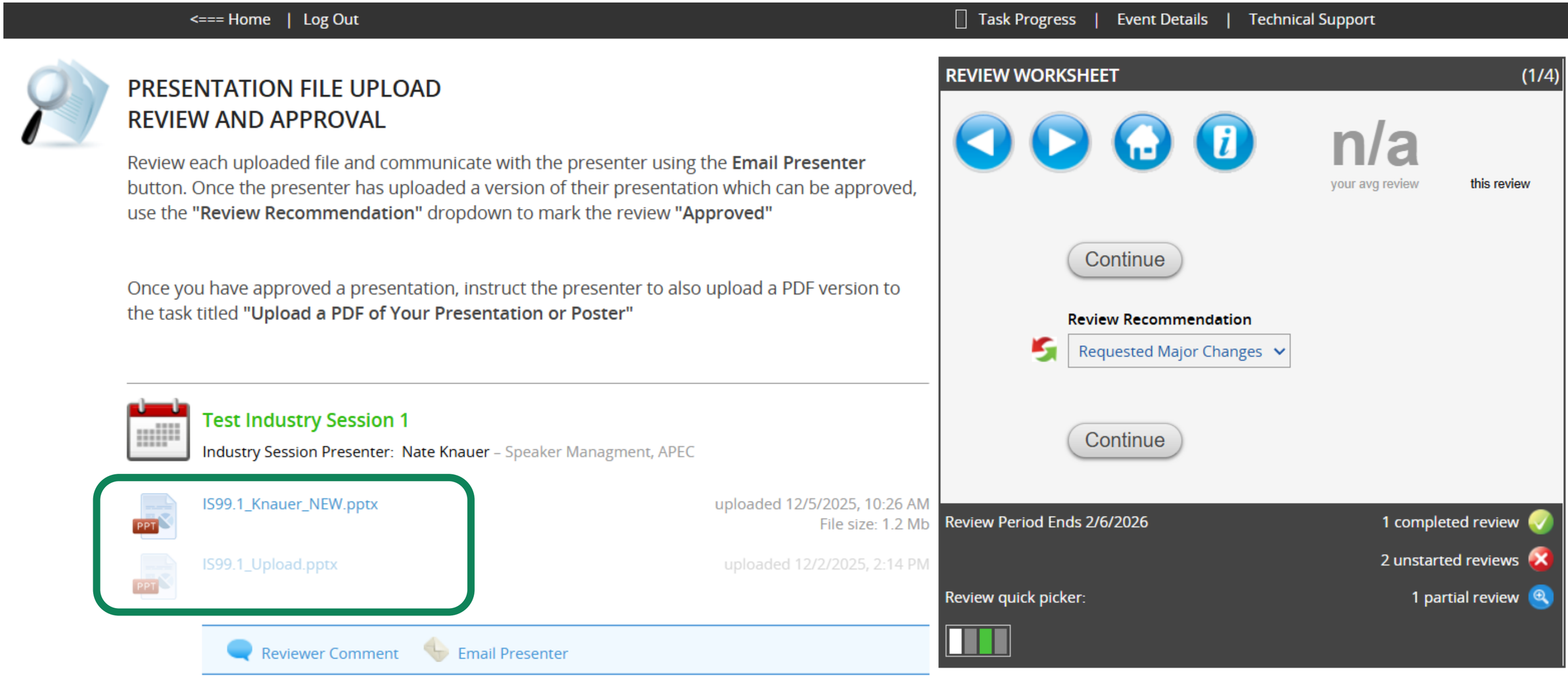
The email to the Presenter will contain your message and the one-click access link to the Speaker Portal

Reviewer Portal Step-by-Step: Email Presenter

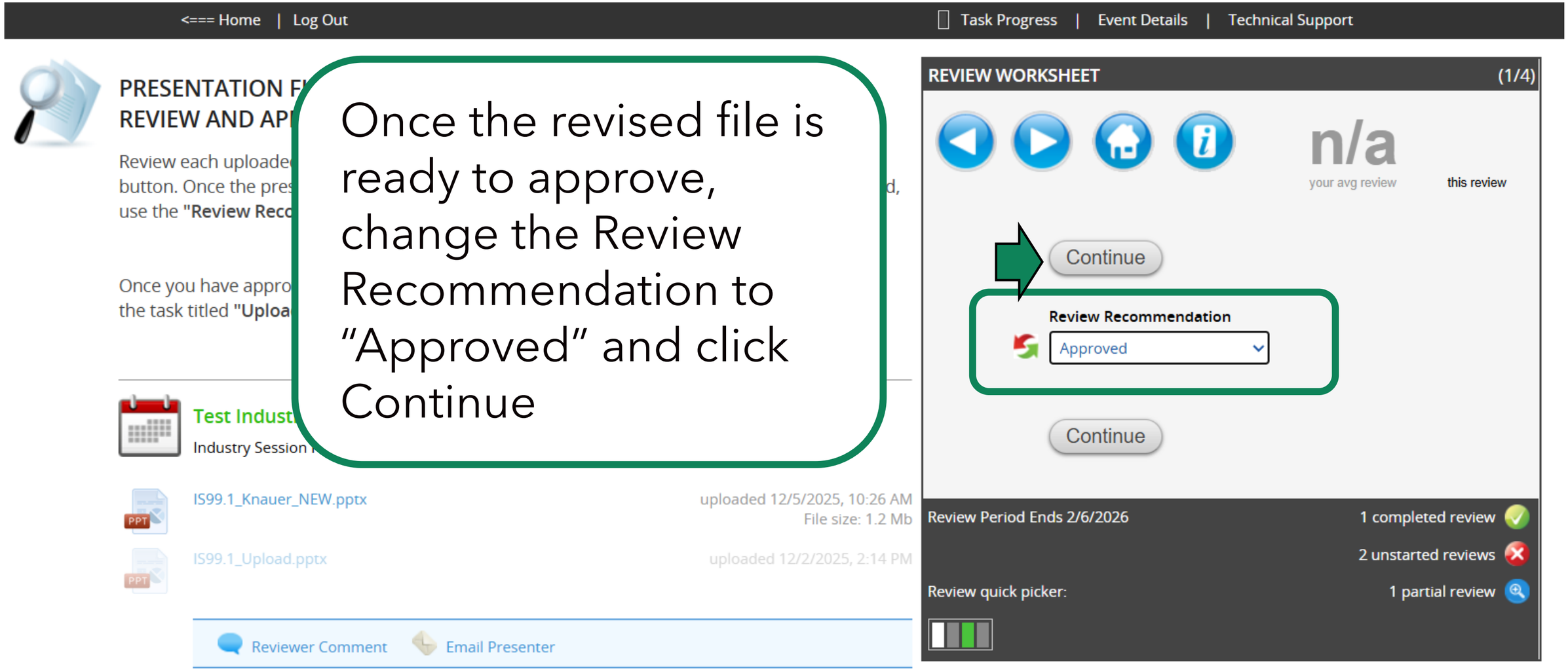


Session Chair Reviewers will be notified via email when Presenters upload a new deck

Reviewer Portal Step-by-Step

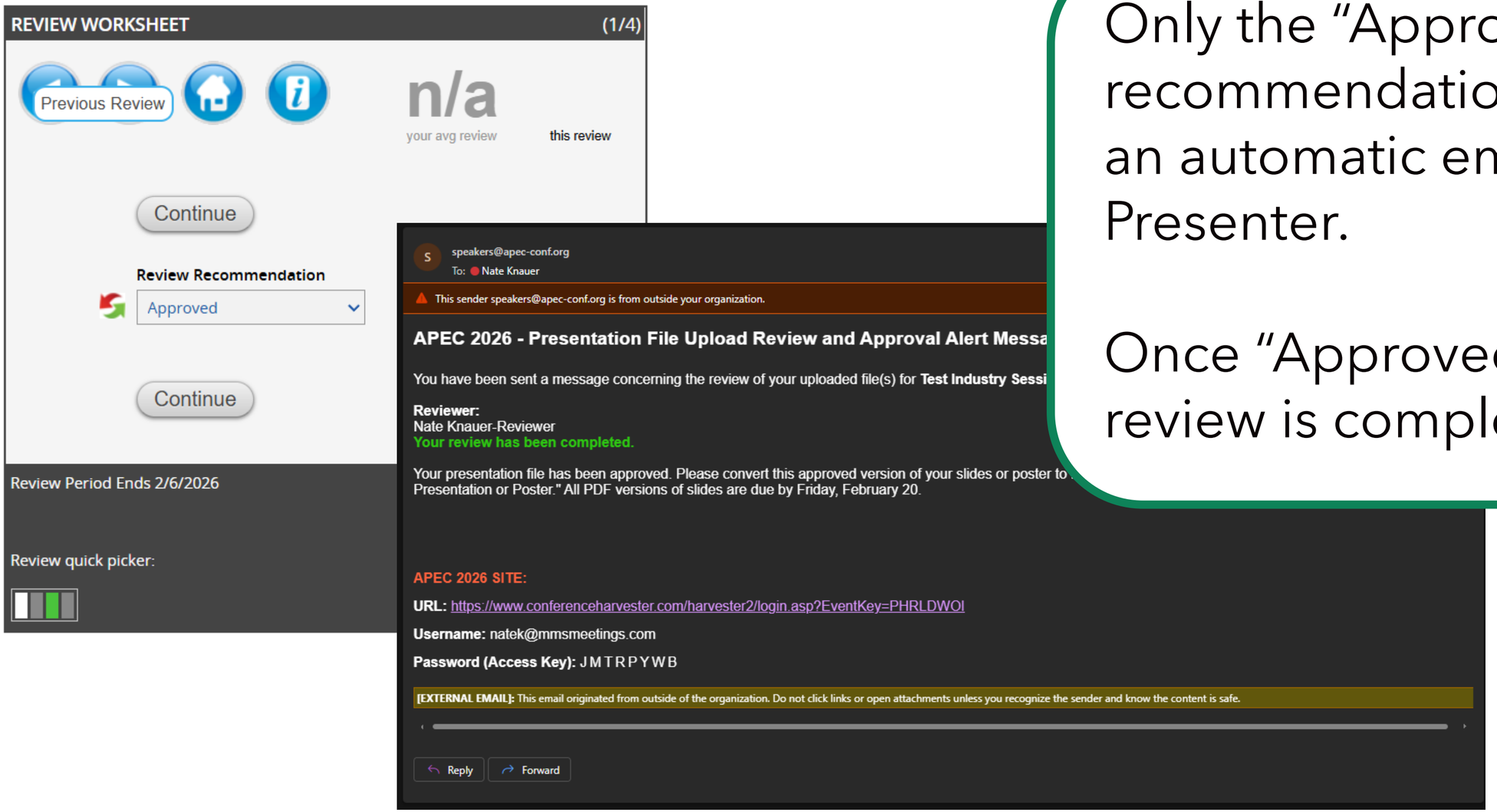


Reviewer Portal Step-by-Step



Once the revised file is ready to approve, change the Review Recommendation to “Approved” and click Continue

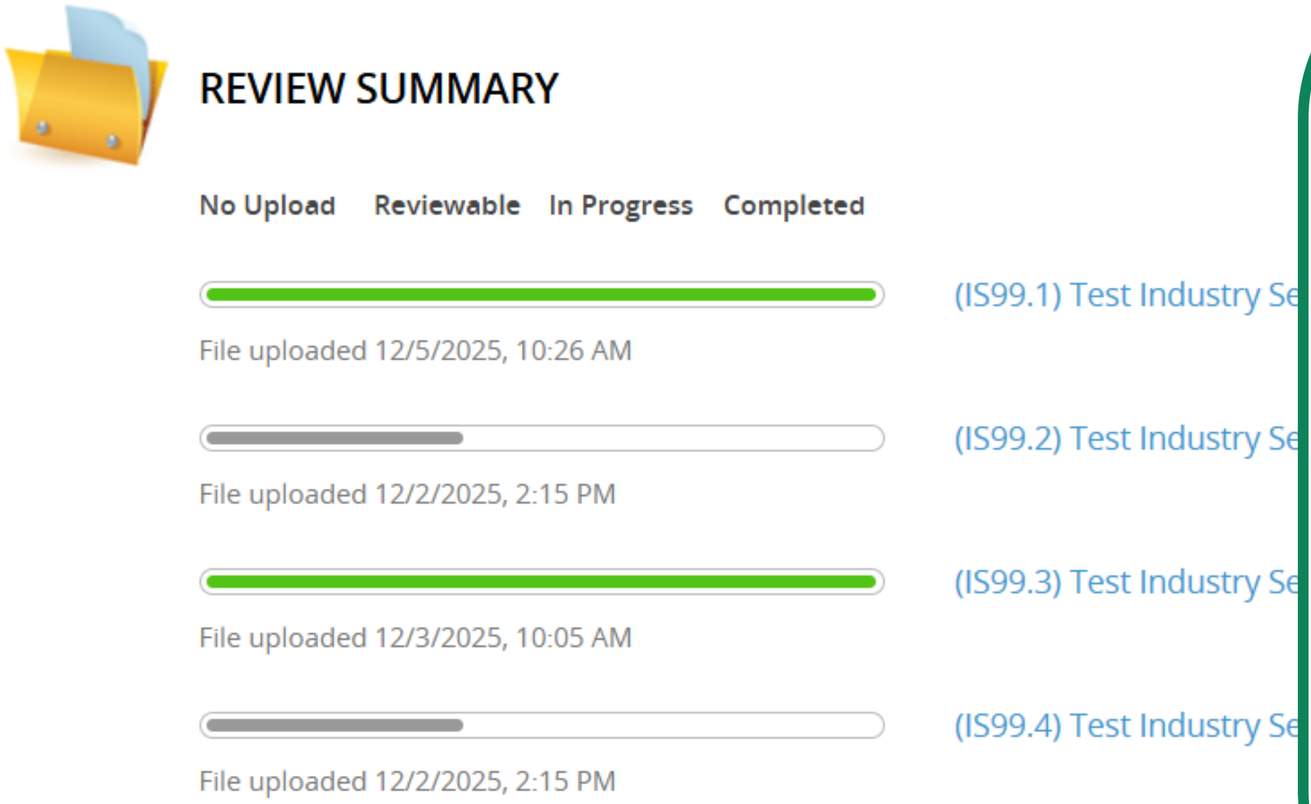
Reviewer Portal Step-by-Step



Only the “Approved” recommendation triggers an automatic email to the Presenter.

Once “Approved,” the review is complete

Reviewer Portal Step-by-Step



Two reviews are complete (“Approved”)

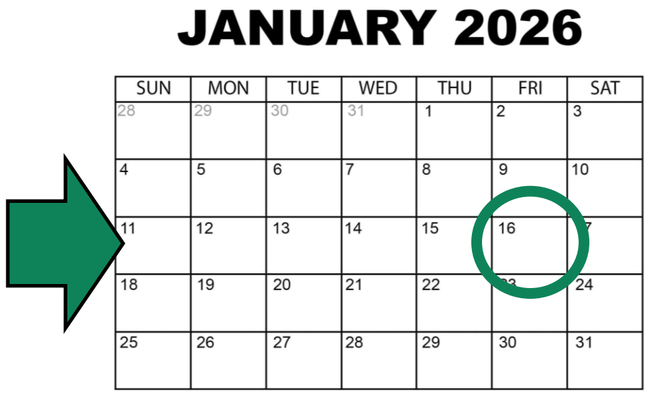
Two others have uploads and are ready to review.

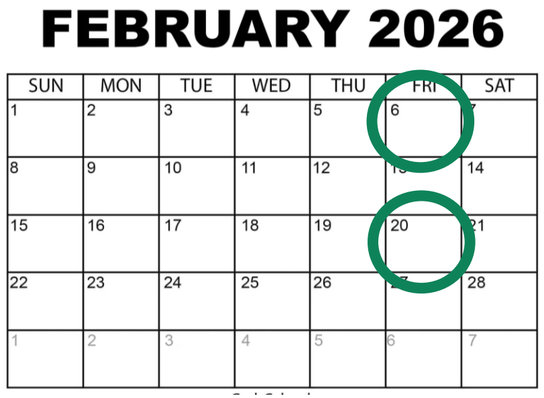
Once all of your titles have green bars (“completed”) your work as a Reviewer is Complete!

Important Dates

- **December 5, 2025:** Industry Session Chairs Webinar
- **December 11, 2025:** Recording of IS Chairs Webinar Posted
- **January 16, 2026:** Draft presentations are due in the Speaker Portal
- **January 26, 2026:** Early Bird registration rate ends
- **February 6, 2026:** Session Chair Reviews of Draft Presentations are due
- **February 20, 2026:** Final Presentations are due in the Speaker Portal

Drafts Due





Draft Reviews Due

Finals Due

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	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Draft Presentation Due
(January 16, 2026)

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

Review Draft Files
(February 6, 2026)

Final Presentation Due
(February 20, 2026)

Please Contact Us At:

speakers@apec-conf.org