

Calendar of Events

October 17, 2024
- October 18, 2024

2024 Annual Meeting of the Spanish Section of The Combustion Institute
Plaza del Cardenal Cisneros 3
Madrid, 28040

The 2024 Annual Meeting of the Spanish Section of the Combustion Institute, will take place from October 17th (from 11:00) to October 18th (until 14:00) in Madrid, Spain.

The meeting is open to contributions by combustion scientists from any country.

Important Dates

Deadline for Submission: 1st September 2024

Deadline for Early Registration: 30th September 2024

Meeting: 17 and 18 Oct 2024

October 18, 2024

40 Under 40: E-Lecture Series on Combustion, Featuring Dr. Rachel Schwind (University of Eindhoven)
[https://us02web.zoom.us/meeting/register/tZUrdO6trjgjHtN4CJKIRRG-fAVDRPagZPcy](https://us02web.zoom.us/j/84461212693)
03:00 PM - 04:00 PM CET

Prof. Salvatore Iavarone,

The 40 Under 40: E-Lecture Series on Combustion is hosted by the Belgian Section of The Combustion Institute, with the goal of highlighting 40 young scientists and engineers who have done high-quality research in combustion. These 50-minute sessions are held virtually via Zoom, presenting a valuable opportunity for attendees to learn about past, current, and future research activities in the field. For a list of upcoming sessions in this lecture series, you can refer to the schedule. You can find recordings of previous sessions on YouTube.

Any questions or proposals to serve as the featured speaker for a future session can be sent to Prof. Salvatore Iavarone

(salvatore.iavarone@centralesupelec.fr, salvatore.iavarone@ulb.be).

November 13, 2024
- November 15, 2024

2nd International Workshop on the Metal-enabled Cycle of Renewable Energy (MeCRE)

Welcome Hotel
Karolinenplatz 4
Darmstadt , 64289

Clean Circles,
info@clean-circles.tu-darmstadt.de

After the successful first workshop in Eindhoven in 2022, the second installment will take place in Darmstadt in 2024 jointly organized by TU/e and Clean Circles. The scope of the workshop remains: the promotion of metal fuels in a circular energy economy.

The abundance of renewable energy sources on our planet can potentially solve the energy and climate crisis. What hinders us from transitioning to a renewable-energy landscape is the fact that most of these energy sources are geographically scattered, and highly intermittent. Therefore, temporal and regional surplus of green power must be transformed into transportable, storable, and recyclable energy carriers. Various metals (e.g., iron, aluminum, and magnesium) have been proposed as promising candidates for long-term storage and long-distance transport of renewable energy. These metals can react either with oxygen in the air to release heat, or with water to produce hydrogen. The reaction products-metal oxides-can be recycled and reduced back to metals with the input of renewable energy sources. The world-leading scientists and technologists in this emerging field will share their novel knowledge and brainstorm game-changing solutions to accelerate the transition to clean energy via MECRE.

Key facts (more details to follow):

Special issue in a peer-reviewed journal for selected contributions

Interesting social program

Good accessibility of the conference venue due to its proximity to Frankfurt Airport and its direct connection by train!

If you are interested, you can join the MECRE mailing list here: <https://lists.tu-darmstadt.de/mailman/listinfo/mecre>

March 16, 2025
- March 19, 2025

14th United States National Combustion Meeting
10 Huntington Ave
Boston, Ma 02116

A multi-day national meeting on combustion.
Paul Papas,
papasp@rtx.com

The U.S. National Combustion Meeting has been organized biennially since 1999 by the joint U.S. Sections of The Combustion Institute (the Western States Section or WSSCI, the Eastern States Section or ESSCI, and the Central States Section or CSSCI). The 14th U.S. National Combustion Meeting (USNCM) will be held at The Westin Copley Place in Boston, Massachusetts, with the ESSCI serving as hosts. We expect many students, scientists, and engineers to attend this meeting, representing the leading edge of combustion research in the United States. The 14th USNCM will feature a comprehensive technical program with the theme of emphasizing energy transition, sustainability and fire safety. The technical program will begin on Monday morning, March 17 and will end mid-day on Wednesday, March 19. More information regarding submissions is available in the Call for Papers.

Abstracts, full papers and work-in-progress poster (WiPP) abstracts must be submitted through the 14th USNCM submission portal. Paper and poster abstracts should be within 500 words and include 2-4 keywords. Detailed instructions for formatting the initial abstract submissions are available here. For a full list of Colloquia and Emphasized Thematic Topics, please consult the Call for Papers.

Hotel Reservation Information

The organizers of this meeting have reserved hotel rooms at The Westin Copley Place in Boston at discounted rates. You can take advantage of these discounted accommodations here.

Submission Dates

Abstract Submissions Open – September 26, 2024
Abstract Submissions Close – December 12, 2024
Abstract Acceptance Notifications – December 12-19, 2024
Final Papers Due – January 16, 2025
WiPP Submissions Open – September 26, 2024
WiPP Submissions Close – February 5, 2025
WiPP Acceptance Notifications – February 12, 2025
Registration information coming in October!

U.S. EARLY CAREER COMBUSTION INVESTIGATOR AWARD

We are also excited to announce that submissions are now being accepted for the 4th biannual U.S. Early Career Combustion Investigator Award. Please email all nomination packages to davidlignell@byu.edu. For more information, please review the Call for Nominations.

Nominations due by email to USSCI Vice Chair and Awards Committee Chair Dr. David Lignell at davidlignell@byu.edu (23:59 EST) – November 6, 2024
Selection of awardee by the USSCI Awards Committee – December 18, 2024
Award announcement and plenary lecture at 14th U.S. National Combustion Meeting – March 16-19, 2025

Additional Events

There will also be the opportunity for attendees to participate in other workshops and

events:

Carbon-Free Fuel Combustion Workshop: Sunday, March 16, 2025 at the Westin Copley Place Hotel. [Organizer: Paul Papas, RTX Technology Research Center]
Cantera Workshop: Sunday, March 16, 2025 at Northeastern University (1 mile from Westin) [Organizers: Richard West, Northeastern University and Ray Speth, Massachusetts Institute of Technology]

Wildland Fire Research Workshop: Sunday, March 16, 2025 at the Westin Copley Place Hotel [Organizers: Albert Simeoni and James Urban, Worcester Polytechnic Institute]

Women in Combustion Luncheon: Monday, March 17, 2025 at the Westin Copley Place Hotel [Organizer: Sili Deng, Massachusetts Institute of Technology]

Early Career Mentoring Mixer: Monday, March 17, 2025 at the Westin Copley Place Hotel [Organizers: Nicole Labbe, University of Colorado Boulder and Chloe Dedic, University of Virginia]

New Option to submit for publication in the Proceedings of the Combustion Institute (PROCI) in 2025

A new, optional feature of the 14th USNCM is the introduction of a parallel process for submission to publish in the off-year issue of the Proceedings of the Combustion Institute (PROCI) in 2025. If accepted for oral presentation at the 14th USNCM, authors will have the option to revise and re-submit their manuscripts for consideration for publication in the new 2025 PROCI issue. Submission for PROCI publication consideration is completely optional and separate from the traditional USNCM conference presentations and (non-peer reviewed) conference papers. Note that the papers submitted for possible PROCI publication in 2025 will be subjected to a separate, rigorous peer-review process consistent with the high quality PROCI publication standards. If you are interested in your final manuscript being reviewed and considered for publication in the Proceedings of The Combustion Institute, Volume 41, more information will be provided later on this website, with instructions on how to submit in the Editorial Manager (EM) system.

April 8, 2025
- April 11, 2025

12th European Combustion Meeting

**John McIntyre Conference Center, Pollock Halls, The University of Edinburgh
18 Holyrood Park Rd
Edinburgh, EH16 5AY**

The Technical Program will be held throughout the week.

The British Section of the Combustion Institute is organizing the 12th European Combustion Meeting (ECM), which will take place in Edinburgh from 8th to 11th April 2025. The ECM is a forum of knowledge transfer in the field of combustion science and related scientific disciplines.

The three-day conference will include 5 invited lectures and 5 poster presentations that will cover a wide variety of combustion-related topics. This conference provides a wonderful opportunity for academics and those in industry to gather for insightful discussions in combustion science. The ECM anticipates to welcome over 400 participants from countries all across Europe and beyond. The ECM 2025 will reach a maximum capacity near 500 delegates. Please register early to secure your attendance, and enjoy all that the ECM 2025 has to offer.

Each poster submission will require an abstract limited to one page. Poster abstracts will be reviewed by the organizing committee, and upon acceptance, authors will be asked to submit a 6-page manuscript. These manuscripts will not be published and are intended to facilitate poster discussions.

Please see the ECM 2025 website (www.ecm2025.eng.ed.ac.uk) for further information about the conference including registration, venue, accommodation, and more. We look forward to welcoming you to Edinburgh in April 2025!

May 18, 2025
- May 22, 2025

15th Asia-Pacific Conference on Combustion (ASPACC 2025)
Suntec Singapore Convention & Exhibition Centre
1 Raffles Boulevard
, 039593

This is a multi-day event.

ASPACC 2025 Organizing Committee,
information@kit-group.org

The 15th Asia-Pacific Conference on Combustion (ASPACC) will be held on 18 – 22 May 2025 at Suntec Singapore Convention & Exhibition Centre. It will be hosted by the Singapore Section of The Combustion Institute. With the theme of “build a zero-carbon and sustainable future”, the ASPACC will feature a comprehensive technical program, reflecting the significant growth and evolving scope of combustion research in the Asia-Pacific region. Scientists and engineers are invited to submit high quality research papers to ASPACC-2025.

Important Dates

September 15, 2024: ASPACC paper submissions open

December 01, 2024: Deadline for contributed (4-page or 8-page) papers (23:59 PST)

February 01, 2025: Notification of paper acceptance/rejection for presentation at ASPACC

February 28, 2025: Deadline for submission of WiPP abstracts (23:59 PST)

March 14, 2025: Notification of WiPP abstract acceptance

Local Organizers:

Huangwei Zhang, National University of Singapore

Wai Lee Chan, Nanyang Technological University, Singapore

Steering Committee Chairs:

Siew Hwa Chan, Nanyang Technological University, Singapore

Assaad Masri, The University of Sydney

Technical Program Co-Chairs:

Huangwei Zhang, National University of Singapore

Zheng Chen, Peking University

Mani Sarathy, King Abdullah University of Science and Technology

If you are interested in organizing a satellite workshop before or after ASPACC in Singapore, please contact Prof. Huangwei Zhang (huangwei.zhang@nus.edu.sg) or Prof. Wai Lee Chan (chan.wl@ntu.edu.sg). For any questions regarding the paper submission process or conference details, please contact the ASPACC 2025 Organizing Committee at aspacc-information@kit-group.org or visit our website <https://www.aspacc2025.org>.

June 1, 2025
- June 5, 2025

13th Mediterranean Combustion Symposium

Corfu Holiday Palace

A multi-day combustion symposium to be held in Corfu, Greece.

Contact the Organizers,
info@mcs2025.com

The Mediterranean Combustion Symposium (MCS) has become one of the primary regional conference series in combustion science and application. Combustion is a useful, beautiful, complex and interdisciplinary phenomenon, that has provided heat and power for ages and fascinated humans since the dawn of history. It now plays a prime role in decarbonisation of our energy system with the combustion of new low-carbon fuels, is important for wildfires and battery fires, and is a major research and development topic worldwide.

The 13th MCS will be held from 1-5 June 2025 in Corfu, Greece, and will feature a technical program of research and presentations, as well as a social program that includes a welcome reception, tour of Corfu and the Old Fortress, a gala dinner, and more!

Plenary Lecturers:

Dr. Mario Commodo (STEMS, Italy)

Prof. Andreas Dreizler (University of Darmstadt, Germany)

Dr. Daniel Mira (Barcelona Supercomputing Centre, Spain)

Dr. Paul Papas (RTX Technology Research Center, United States)