

The Wind Engineer



American Association
for Wind Engineering

International Symposium on Dynamics and Aerodynamics of Cables (ISDAC)

by Annick D'Auteuil and Sean McTavish

The International Symposium on Dynamics and Aerodynamics of Cables (ISDAC) took place in Sherbrooke, Québec, from June 3 to 5, 2026. The event was organized by Prof. Sébastien Langlois of the Université de Sherbrooke, with support from the National Research Council of Canada (NRC), RWDI, and École de Technologie Supérieure (ÉTS).

ISDAC is a specialized symposium held every three years and typically attracts around 40 to 50 experts in stay-cable and transmission line aerodynamics. In addition to the regular symposium participants, the first day included a parallel seminar with representatives from Hydro-Québec and members of the electrical transmission industry in Québec. Attendees included researchers and engineers from government, academia, and private industry from several countries, including Canada, Japan, Norway, Denmark, Italy, France, Portugal, Hungary, Belgium, Germany, and the United States.

The program featured 31 presentations covering a range of topics, including oscillations of overhead line conductors, numerical modelling of overhead conductors, stay-cable vibrations, vibration mitigation strategies, fatigue damage assessment, simulation and monitoring approaches, and aerodynamic stability and icing. The exchange of knowledge between the transmission-line and stay-cable communities provided opportunities to share methodologies, insights, and mitigation approaches that can advance progress in both fields.

Participants also had the opportunity to visit the structural laboratory at the Université de Sherbrooke, take part in a tour of the city of Sherbrooke, and attend a technical visit to the Hydro-Québec Research Institute (IREQ) in Varennes, Québec. The symposium was a great success, and participants are looking forward to the next ISDAC event in 2029. The location will be determined in the coming months.

News and Awards

Inaugural Cohort of AAWE Scholars Program Shine at CWE 2026

by Tracy Kijewski-Correa

The American Association for Wind Engineering (AAWE) is pleased to announce the establishment of the AAWE Scholars Program, helping the next generation of wind engineering researchers share their work with the international community. The program supports the travel of qualified graduate students presenting their research at a major wind engineering conference. The inaugural cohort recently presented their research at CWE 2026: The 8th International Symposium on Computational Wind Engineering.

The awardees, all AAWE student members who are first author on full conference papers presented orally at CWE 2026, received a travel bursary and ribbon recognizing their designation as AAWE Scholars. The 2026 AAWE Scholars are:

- Baoheng Li, University at Buffalo, USA
- Mostafa Karami, University of Ottawa, Canada
- Saroj Gautam, Memorial University of Newfoundland, Canada
- Foad Mohajeri Nav, École de Technologie Supérieure (ETS Montreal), University of Québec, Canada
- Gobinda Kirtonia, Texas Tech University, USA
- Seyedeh Fatemeh Mirfakhar, École de Technologie Supérieure (ETS Montreal), Université du Québec, Canada
- Anamika Malla, Texas Tech University, USA



News and Awards

AAWE Scholars, Contd.

The 2026 Scholars' work spans the breadth of contemporary wind engineering, ranging from machine-learning-based reconstruction of wind fields from sparse measurements and physics-informed neural networks for pressure estimation, to full-scale field monitoring of wind loads on canopies, large-eddy simulation of offshore wind-farm wakes, reinforcement-learning control of morphing building façades, comparisons between full-scale and experimental peak pressures, and wall-modeled LES of tornado-like vortices.

We congratulate each of these scholars and look forward to their contributions to the field!

AAWE also extends its sincere thanks to the review committee, whose careful evaluation of the applications made this program possible: Tracy Kijewski-Correa, Seymour Spence, and Guirong (Grace) Yan. Their time and expertise ensured a thorough and fair selection process.

International Wind Engineering Gathers at Western for CWE 2026

by Tracy Kijewski-Correa

The **8th International Symposium on Computational Wind Engineering (CWE2026)** was held June 7–11, 2026, at Western University in London, Ontario, Canada, hosted by Girma Bitsuamlak and his enthusiastic local organization team. Western was a gracious host for the convening, providing the opportunity for guided tours of its renowned Boundary Layer Wind Tunnel Laboratory (BLWTL) and WinDEEE Dome facilities. The event convened leading researchers from around the world whose contributions focused on advances in wind flow modeling, analysis and simulation techniques, as well as their applications across structural and environmental domains. The program encompassed four full days of technical sessions with approximately 240 studies presented in parallel tracks alongside a dedicated poster session. Notable topics included studies of non-synoptic winds, urban wind environments, and climate-change impacts, including sessions convened by IAWE working groups on climate change and non-synoptic winds. The role of emerging topics in machine learning, AI-empowered CFD automation, and digital twins was also evident across the tracks.

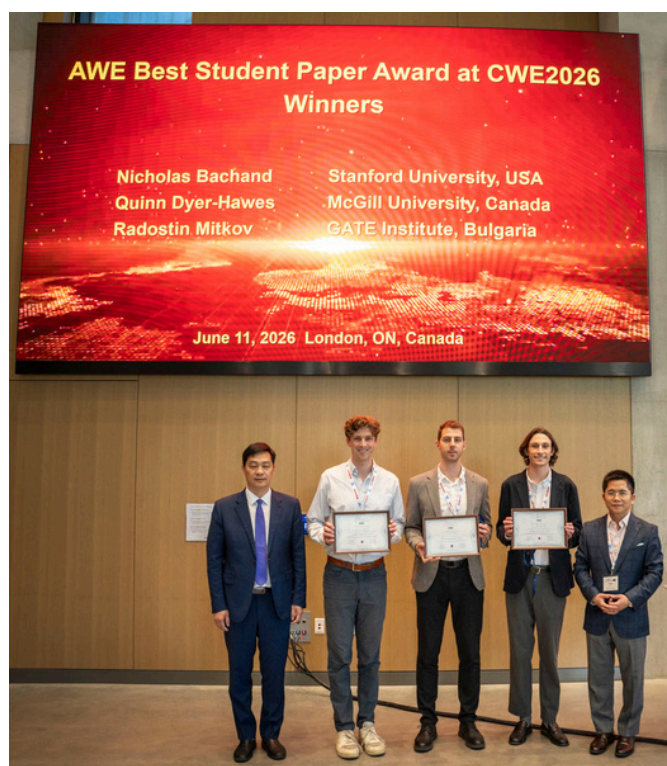


News and Awards

CWE 2026, Contd.

The program was anchored by a distinguished slate of keynote speakers drawn from across academia and industry, including Melissa Burton (ARUP), Agerneh Dagnew (NVIDIA), Clara García-Sánchez (TU Delft), Roland Wüchner (TU Munich), Catherine Gorlé (Stanford University), John Kilpatrick (RWDI), Laxmi Sushama (McGill University), and Cruz Y. Li (Chongqing University). Their talks explored topics from accelerated computing and high-fidelity digital twins to the mainstreaming of CFD in practice and the future-proofing of the built environment under a changing climate. Notably, Burton's keynote previewed the forthcoming ASCE/SEI Prestandard for the Use of Computational Wind Engineering in Building Design, followed a dedicated session formally introducing the prestandard with a moderated panel discussion among its contributors.

The gala dinner featured beautiful tributes honoring the legacy of late colleagues **Julian Hunt**, **Peter Irwin** and **Yozo Fujino**, followed by the presentation of IAWE awards to **Peter Vickery**, **Luca Patruno**, and **Ted Stathopoulos**, who also had a mini symposium in his honor. AAWE's 2024 Best Journal Paper Award was also presented to **Stefano Brusco** and **Gregory A. Kopp** for their paper, "Streamline curvature effects generated by tornado-like flows on the aerodynamics of a low-rise structure," published in the Journal of Wind Engineering & Industrial Aerodynamics. During the closing ceremony on the final day, the Advances in Wind Engineering Student Best Paper Awards were presented to **Nicholas Bachand**, **Quinn Dyer-Hawes**, and **Radostin Mitkov** and the seven AAWE Scholars were recognized, celebrating the emerging talent within the community.



News and Awards, Cont'd

Ahsan Kareem Honored by ASCE

Ahsan Kareem, Ph.D., NAE, F.EMI, Dist.M.ASCE received the inaugural 2026 Wilfred W. Iwan Award for Mentors in Engineering Mechanics Research from the American Society of Civil Engineers for "educating and mentoring an impressive number of students, postdoctoral fellows, and practicing engineers who have gone on to improve the safety, sustainability, and resilience of civil infrastructure in the face of natural hazards and climate change."

This award was endowed by the friends and colleagues of Wilfred D. Iwan, PH.D., NAE, Dist.M.ASCE. The award recognizes excellence and leadership in mentoring in engineering mechanics research and pedagogy. The award was officially instituted by action of the Board of Direction on October 18, 2023.



Photo courtesy of the University of Notre Dame.

Dr. Kareem will also present a Keynote talk at the upcoming Engineering Mechanics Institute 2026 – International Conference (EMI 2026-IC), the flagship international annual mechanics conference of the American Society of Civil Engineers (ASCE). Congratulations Dr. Kareem!

A promotional poster for the EMI 2026-IC Keynote. The background is a blue-tinted image of a city at night. On the left is a circular portrait of Ahsan Kareem. The text on the right includes the event title, date, location, and speaker information. A QR code is in the bottom right corner.

EMI 2026-IC KEYNOTE

Thursday, Sept. 3 | 10:00 – 11:00 | Napoli, Italy

Mechanics of Dynamic Wind Effects: Fundamentals to Frontiers

Ahsan Kareem, Ph.D.
Robert M. Moran Professor of Engineering
Director, NatHaz Modeling Laboratory
University of Notre Dame

Logos for EMI and Università degli Studi di Napoli Federico II are visible at the top right.

In Memoriam

Prof. Yozo Fujino

The wind engineering and structural health monitoring communities mourn the loss of Prof. Yozo Fujino, who passed away on June 6, 2026. A Fellow of the Society for Civil Structural Health Monitoring, he made enduring contributions to research, leadership, and engineering practice. Prof. Fujino spent more than three decades at the University of Tokyo, where he built an internationally recognized program in structural dynamics. He later served as Distinguished Professor at Yokohama National University and as President of Josai University.



Photo courtesy of Asian Scientist Magazine

Prof. David Surry

We mourn the loss of Prof. David Surry who passed away on July 15, 2026, just before his 85th birthday. Prof. Surry served as the Director of the Boundary Layer Wind Tunnel at the University of Western Ontario. Over his career, he taught and mentored many students and led projects of wind load studies for several world-renowned buildings and bridges.



Photo courtesy of Gregory Kopp

Prof. Lord Julian Hunt

The fluid mechanics and environmental science community has lost one of its most influential thinkers with the passing of Prof. Lord Julian Hunt of Chesterton. His pioneering contributions to turbulence, atmospheric boundary layers, dispersion, and environmental flows shaped modern wind engineering, climate science, and resilient infrastructure design. Through roles at the University of Cambridge, the UK Met Office, and the House of Lords, he bridged science and public policy, championing interdisciplinary approaches to environmental challenges.



Photo courtesy of Ahsan Kareem

Job Postings and Conferences

Iawe 1st International Colloquium on Climate Change in Wind Engineering (ICCWE 2026)

On behalf of the Iawe Working Group “Equitable Response to Wind Climate Change: Impacts, Adaptations, and Mitigations,” we are pleased to invite you to the Iawe 1st International Colloquium on Climate Change in Wind Engineering (ICCWE 2026) 28–29 October 2026 in Cairo, Egypt. More details are available at <https://iccwe.com>

Please note that abstracts are due June 30, with a maximum length of 300 words. The colloquium will be followed by two days of cultural activities in the historic cities of Cairo and Giza. This colloquium is an important step toward establishing and strengthening the Iawe’s relations with Africa. We would be delighted if you would help promote the event, attend, and support this activity. Please share this information within your networks.

Kind regards,
Hassan Hemida, ICCWE Chair



The 17th International Conference on Wind Engineering

ICWE2027 will be held June 20–25, 2027, bringing together global experts to advance the science and practice of wind engineering. The conference will feature sessions across key topic areas, including structural and environmental wind engineering, non-synoptic wind effects, bluff-body aerodynamics, multi-hazard interactions, and emerging AI and computational methods.



Abstract submissions open September 15, 2026, with a submission deadline of November 30, 2026. Researchers are also invited to propose special sessions by contacting the organizing team at icwe@uwo.ca.



2025 AAWE Best Paper Award

Call for Nominations

The American Association for Wind Engineering is pleased to announce the Best Journal Paper Award nominations for 2025. This award recognizes the contributions to Wind Engineering from an AAWE Member for the best journal paper within the 2025 calendar year. This prestigious award honoring AAWE member(s) is presented annually. The award is accompanied by a certificate and a prize of \$250.

Requirements

- The Applicant must be an AAWE member in good standing, and half (a simple majority) of the authorship of the paper must be comprised of AAWE members in good standing.
- The Applicant must have published a paper in a refereed journal within the calendar year 2025 for AAWE Best Journal Paper Award for 2025, according to the DOI number of the publication.
- The journal paper must be on a topic related to Wind Engineering.

Application*

- Self-nominations as well as nominations for other Authors are welcome**.
- Applicants or Nominators should submit (1) a one-page cover letter to briefly explain the paper's uniqueness and contribution, (2) a 3-page resume of the main author or corresponding author, and (3) a copy of the journal paper under consideration for this award.
- Please send all nominations/applications to the AAWE Awards Committee Chair Prof. Tracy Kijewski-Correa, by sending an email to info@aaawe.org with the subject line 'AAWE Best Journal Paper Award for 2025'

Nominations/applications are due by September 1st, 2026.

* Applications that do not meet the requirements above will not be reviewed.

**Applicants may only nominate a single paper for this award.

AAWE LinkedIn

Are you on LinkedIn?

AAWE is too—follow us to stay up to date on all things wind engineering. We share information on upcoming conferences and workshops, award and recognition opportunities, member accomplishments, and other news from across the community. Click [here to view the AAWE LinkedIn page](#) and **make sure to click follow** to keep up to date with AAWE happenings!

We're also launching student spotlights on LinkedIn to highlight PhD students graduating this spring or summer with a focus on wind engineering. If you know of a graduating PhD student from a university in the Americas region, please contact David Roueche (david.roueche@aaawe.org) so we can follow up for more details and feature them in an upcoming post.

Call for Newsletter Content

The American Association of Wind Engineers (AAWE) invites members to contribute content to future issues of the AAWE Newsletter. This newsletter serves as a platform to share knowledge, celebrate achievements, and strengthen connections across the wind engineering community.

Suggested content includes (but is not limited to):

- Research highlights or recent publications
- Project spotlights or case studies
- Member news, awards, or professional milestones
- Job postings, internships, and student opportunities
- Upcoming conferences, workshops, webinars, or short courses
- Calls for papers, abstracts, or participation

We welcome submissions from researchers, practitioners, students, and industry professionals at all career stages.

Please send newsletter content to info@aaawe.org with subject line 'AAWE Newsletter'. Thank you very much in advance for your input!

The Wind Engineer is edited by Carol Friedland.