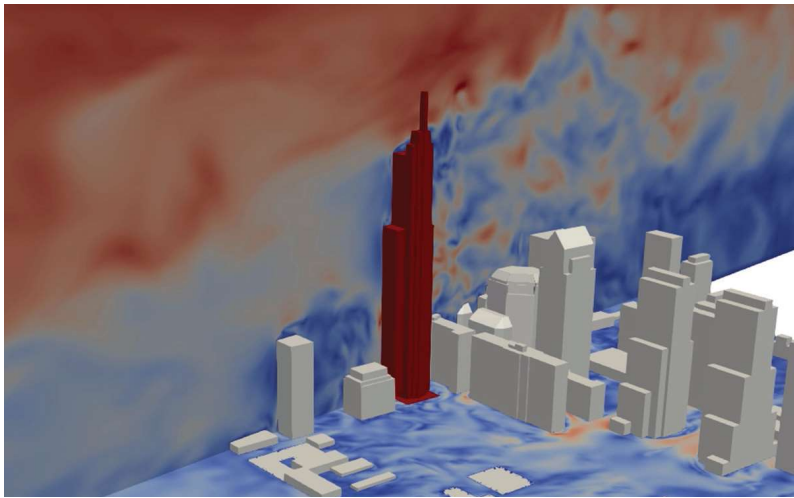# CWE-8

June 7-11, 2026 | London, ON, Canada

The 8th International Symposium on Computational Wind Engineering

First Announcement and Call for Papers

Western University, London, ON, Canada
June 7-11, 2026

Computational Wind Engineering for
Climate Resilient and Sustainable Future

Organized by:

Western
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International Association
for Wind Engineering

Topics

The scope of the symposium covers all computing related topics in wind engineering including, but not limited to:

- CFD guidelines and recommendations
- CFD verification and validation
- Uncertainty quantification for CFD
- Computational bluff-body aerodynamics
- Computational wind load evaluation
- CFD for performance-based wind engineering
- Wind-induced damage modeling
- Building aerodynamics
- Bridge aerodynamics
- CFD for building science applications
- Machine learning and AI in wind engineering
- Digital twins in wind engineering
- Train/vehicle aerodynamics
- Aeroelasticity
- Fluid-structure interaction
- Wind energy
- Turbulence generation for wind engineering applications
- Computational modeling of atmospheric boundary layer
- Non-synoptic wind simulation
- Pollutant dispersion
- Urban wind flow
- Wind-driven rain
- Snow-drift
- Wind-bourne debris
- Sport aerodynamics
- Ventilation
- Pedesterian-level wind
- High-performance computing for wind engineering
- New methods in computational wind engineering
- Emerging topics in computational wind engineering

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