



**CWE
2014**

6th International Symposium on Computational Wind Engineering

June 8-12, 2014, Hamburg, Germany

Announcement

Key-Dates

Submission opens for short abstracts (1,5 pages)	May 1 st , 2013
Deadline for short abstracts	September 15 th , 2013
Deadline for short abstracts - extended	September 30 th , 2013
Notification of acceptance	December 15 th , 2013
Registration opens	December, 2013
Deadline for full paper (extended abstracts)	March 1 st , 2014

Scopes and Topics

- | | |
|-------------------------------|---|
| Wind - structure interactions | <ul style="list-style-type: none">• Load on structures (e.g. buildings, vehicles)• Structural response to wind (e.g. bridges, wind turbines, cable dynamics, trees)• Flexible structures (e.g. tents, vegetation, grass, water) |
| Model quality assurance | <ul style="list-style-type: none">• Verification• Validation (data, methodologies, metrics)• Model intercomparison |
| Wind in local environments | <ul style="list-style-type: none">• Meso-scale flow and temperature, humidity fields• Boundary values for eng. applications• Stochastic wind field modelling• Short term transient dispersion |
| Wind within the canopy layer | <ul style="list-style-type: none">• Pedestrian wind comfort• Wind driven transport• Low wind conditions• Natural and forced ventilation• Multi-scale dispersion modelling |
| Model development | <ul style="list-style-type: none">• Numerical methods• Turbulence modelling• Parameterisation of heat and humidity• Local-scale dispersion |
| Wind energy | <ul style="list-style-type: none">• Wind resources and siting• Effects on the environment• Structural aspects |
| Wind engineering in sports | <ul style="list-style-type: none">• Sailing• Aerodynamics of sports equipment |
| Future computing | <ul style="list-style-type: none">• Hardware• Software |
| Wind hazards | <ul style="list-style-type: none">• Tornados, Downbursts• Strong winds |

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