

## Proceedings of the xv conference of the Italian Association for wind engineering: IN-VENTO 2018

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### Abstrak

This volume gathers the latest advances, innovations, and applications in the field of wind engineering, as presented by leading international researchers and engineers at the XV Conference of the Italian Association for Wind Engineering (IN-VENTO 2018), held in Naples, Italy on September 9-12, 2018. It covers highly diverse topics, including aeroelasticity, bluff-body aerodynamics, boundary layer wind tunnel testing, computational wind engineering, structural dynamics and reliability, wind-structure interaction, flow-induced vibrations, wind modeling and forecast, wind disaster mitigation, and wind climate assessment. The contributions, which were selected by means of a rigorous international peer-review process, highlight numerous exciting ideas that will spur novel research directions and foster multidisciplinary collaboration among different specialists.