

## **BLOWIN' IN THE WIND: REVIEW OF FOUR DECADES OF RESEARCH**

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**Abstract.** This talk is intended to review the evolution of my research activities starting from experiments in a wind tunnel to stochastic simulations of wind load on slender structures. Teachers, colleagues and disciples were (and are) essential to achieve the results and deserve to be mentioned first. Regarding the investigations, many subjects were addressed by the different groups in which I participated, always related with structural problems, within Civil and Mechanical Engineering. The topics ranged from Mechanics of Materials, Mechanics of Solids, Probabilistics, analytical solutions, numerical and computational approaches, experiments, and so on. Statics, stability and dynamics, deterministic and stochastic, linear and no linear, bifurcations, etc. The loop starts with wind and ends with wind... with many structures in the middle.