

# First Wind Turbine Computational Aerodynamics Lecture Series

School of Engineering, University of Glasgow  
9-10 September 2010

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Globally, wind turbines are an increasingly common choice as an alternate energy source. As demand increases, so too does the complexity of the design of these machines. The need to maximize the energy harvest and to reduce the cost of energy often leads to larger rotors and a higher aerodynamic load. At WTCALS 2010, the lectures will not only provide an introduction into WT aerodynamics and general operation principles, but will also address state-of-the-art computational aerodynamics technology, and demonstrate how such technology can improve modern analysis and design.

WTCALS 2010, with its panel of international speakers, will benefit researchers in both the industry and academia, including postgraduate students, who are working in the area of wind turbine CFD and integrated multidisciplinary analysis and design. Spaces are limited, so early registration is advised.

Visit the WTCALS 2010 site at

<http://www.unibas.it/utenti/bonfiglioli/Wtcals2010/Wtcals2010-2.html>

for more information on registration, travel, and speakers.

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Prof. G. Barakos (University of Liverpool)  
Prof. A Bonfiglioli (Università degli Studi della Basilicata)  
Dr. M.S. Campobasso (University of Glasgow)  
Prof. N. Sørensen (Risø, Technical University of Denmark)  
Prof. M.O.L. Hansen (Technical University of Denmark)

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