

### **Articole - 2009**

- 1) H. Dumitrescu, V. Cardos, *Inboard boundary layer state on wind turbine blades*, ZAMM - Journal of Applied Mathematics and Mechanics / Zeitschrift für Angewandte Mathematik und Mechanik, **89**, 3, 2009, Pg. 163 – 173. ( **ISI** ).
- 2) H. Dumitrescu, A. Dumitrache, V. Cardos, F. Frunzulica, *Infrasound noise from vertical axis wind turbine blade*, Proceedings of the Romanian Academy – (acceptat pentru publicare).
- 3) A. Dumitrache, H. Dumitrescu, V. Cardos, *Aerodynamic and aeroacoustic phenomena due to non-uniform flow of wind turbines*, PAMM, 8, 1, 2009, 10669-10670
- 4) H. Dumitrescu, V. Cardos, *Inboard stall-delay for wind turbine blades*, Proceedings of European Wind Energy Conference and Exhibition (CD-rom Edition), Marseille, 2009.

### **Comunicari, participari la conferinte - 2009**

- 1) *Inboard stall-delay for wind turbine blades*, H. Dumitrescu, V. Cardos, European Wind Energy Conference and Exhibition, Marseille, Franta, martie 2009.
- 2) *Separation behavior on rotating blades*, H. Dumitrescu, V. Cardos, 80<sup>th</sup> Annual Meeting of the International Association of Applied Mathematics and Mechanics (GAMM), 9-13 februarie, Gdansk, Polonia, 2009.
- 3) *Computational Tools for Aeroelastic Analysis of HAWT Rotor*, F. Frunzulica, A. Dumitrache, H. Dumitrescu, V. Cardos, European Aerospace Conferences – EUCASS 2009, Paris, iulie 2009.
- 4) *3-D Rotational flow effects on wind turbine blades*, H. Dumitrescu, V. Cardos, A. Dumitrache, 1-st International Symposium on GREEN ENERGY, Cluj-Napoca, 14-16 Mai, 2009.
- 5) *Noise prediction for a yaw controlled rotor wind turbine*, H. Dumitrescu, A. Dumitrache, The 33rd ARA Congress Sibiu Alma Mater University Sibiu, Romania , June 02 - 07, 2009.