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**Paper ID :** 163-Output Feedback Event-triggered Control of Doubly Fed Induction Generators For Wind Turbines

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### **Bio:**

Mahmoud Abdelrahim received the B.Sc. and M.Sc. degrees in Mechatronics Engineering from Assiut University (Assiut, Egypt) in 2005 and 2010. He obtained the Ph.D. degree in Automatic Control from the Centre de Recherche en Automatique de Nancy (CRAN), Universit'e de Lorraine (Nancy, France) in 2014.

In 2014 he was a research and teaching Assistant with the Universit'e de Lorraine (Nancy, France). In 2015 he was a postdoctoral researcher with the Department of Mechanical Engineering, Eindhoven University of Technology (TU/e) (Eindhoven, The Netherlands). Since 2016, he has been with the Department of Mechatronics Engineering, Assiut University (Assiut, Egypt) where he is currently an associate professor with the Mechatronics department. He is also a senior researcher at the Renewable Energy Laboratory (REL), college of Engineering, Prince Sultan University (Riyadh, Saudi Arabia) since 2022.

His research interests include event-triggered control, networked control systems, hybrid dynamical systems, robust stabilization, and optimization.

