

Avviso di Seminario



Modeling the interaction between CNT and polymer using FEM

by

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DIPARTIMENTO DI INGEGNERIA MECCANICA, ENERGETICA E GESTIONALE

Bio sketch of Dr. R. Rafiee – Roham RAFIEE has received his PhD in 2010 in mechanical engineering Dept. of Iran University of Science and Technology focusing on nanocomposites. He has completed his MSc and BSc studies both in the general field of composite materials and structures. He began his industrial experience in different sectors including wind turbines, composite pipes, strategic planning and technology transfer projects since 1999.

He joined the University of Tehran in 2011 as Assistant Professor in the Faculty of New Sciences and Technologies, where he founded the Composites Research Laboratory (www.COMRESLAB.com). Roham has been promoted to the level of Associate Professor in 2015 with unanimous approval of all evaluating committee members. His research interests can be summarized as multi-scale modeling of nanocomposites, mechanics of composite materials, design and analysis of composite structures, fatigue modelling of composite structures, finite element modelling and analysis.

He is already the vice president of Iranian Composites Association and also member of the Iran Composites Scientific Association. He is also senior consultant of different companies and industrial group. He is a member of several graduate student thesis advisory committees and also collaborating with universities worldwide including the University of Weimar (Germany), UPM (Malaysia) and etc. He has been promoted to the level of Associate Professor in 2015 with unanimous approval of all evaluating committee members.

Dr. Rafiee, has published 50 ISI papers, 52 international conference papers and five book chapters in Woodhead publishing, Springer, Taylor & Francis and World academic publishing. He is also editing a book entitled as "Carbon Nanotube Reinforced Polymers: From Nano to Macro" in Elsevier Science & Technology Books. He has also registered three patents in the field of nanocomposites and composite structures. He was selected as the Young Distinguished Research in University of Tehran in 2015.
