

## Short - Curriculum Vitae

### **Professor Dr.-Ing. Andreas Öchsner**

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Professor Andreas Öchsner holds the position of Professor of the Department of Applied Mechanics, Faculty of Mechanical Engineering at the Technical University of Malaysia.

He has a Diploma Degree in Aviation and Aerospace Engineering from the University of Stuttgart (Germany) with specialisation in Aircraft Design and Lightweight Structures (Bachelor Thesis: Influence of Material- and Manufacturing-Factors on the Strength of Notched CFRC-Specimens) and Thermodynamics (Master Thesis: Optimization of the Cooling Circuit Operation of the Power Plant Bexbach).

As practical experience he had at Ascometal Schmiedag AG, Homburg Saar, Germany, German Aerospace Airbus GmbH, Hamburg, Germany, Institute of Aircraft Design and Lightweight Structures, University of Stuttgart, Germany, as Student Research Assistant (Composite Testing), University of Erlangen-Nuremberg, Germany.

As Teaching and Research Assistant, at University of Erlangen-Nuremberg, Germany, he finished his PhD Thesis "Experimental and Numerical Investigations of the Elastic-Plastic Properties of Model Cellular Materials" with distinction on his final grade.

Prior appointments held by Dr. Andreas Öchsner include Assistant Professor of Department of Mechanical Engineering at University of Aveiro, Portugal and Head of Cellular Metals Group of Centre for Mechanical Technology and Automation also in Portugal.

Professor Öchsner has published more than 160 papers, 42 publications are cited on ISI Web of Science and 11 publications on ISI Proceedings. He served as guest editor for the Journal of Phase Equilibria and Diffusion (2005), Materials Science and Engineering Technology (2005 and 2008), Defect and Diffusion Forum (2006 and 2008) and Materials Science Forum (2007).

His research interests are properties of cellular materials (metals and ceramics), damage mechanics, experimental and computational mechanics, thin structures and interphases, diffusion simulation in metals and adhesive technology.

He is married, has one son and practices karate and more modalities of sport.