

Mechanics and Energy Conversion

Professor Zied Driss

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Description:

The aim of this book is to provide a forum for the publication of original peer-reviewed research articles on mechanics and energy conversion. It will include contributions that employ existing experimental techniques to gain an understanding of underlying flow physics. Along with the development of the computer industry and the advancement of numerical methods, a solid foundation in both hardware and software has been established to study the processes of numerical simulation methods, which play important roles in extending research topics, reducing research costs, discovering new phenomena and developing new technologies. Methods for solving ancillary equations such as transport and diffusion are also quite relevant here.

What Should the Submitted Chapters Consider?

The expressed intention of this book is the dissemination of information relating to the development, refinement and application of numerical and experimental techniques for solving problems related to thermodynamics, compressible flow, computational fluid dynamics and environmental fluid dynamics, among many others. The book will also highlight recent advances and future research directions in mechanics and energy conversion, and will provide the reader with valuable information.

About the Editor:

Zied Driss is Full Professor in the Department of Mechanical Engineering at the National School of Engineers of Sfax, Tunisia. He received his Engineering Diploma in 2001, his Master's degree in 2003, his PhD in 2008 and his HDR in Mechanical Engineering from the University of Sfax, Tunisia, in 2013. He is interested in the development of numerical and experimental techniques for solving problems in mechanical engineering and energy applications. His research also focuses on the interaction between Computational Fluid Dynamics (CFD) and Computational Structure Dynamics (CSD) codes. He is the author of more than 180 journal articles, 25 books and 70 book chapters. He is currently a Team Leader in the Laboratory of Electromechanical Systems at the National School of Engineers of Sfax, an editorial board member and reviewer for a number of international journals, a General Chair of two bi-annual international conferences and an active member of various different national and international associations.



Submission Requirements:

All chapters submitted should conform to the grammar and formatting guidelines provided by Cambridge Scholars Publishing, which can be viewed here: <https://www.cambridgescholars.com/pages/forms-guidelines>.

Unless agreed with the Editor prior to submission, referencing should be in Chicago style.

Any work submitted for publication should be free of copyright restrictions, and a statement should be submitted in support of this.

Contributions should be scholarly based, rather than anecdotal or unverifiable.

Contributions must be wholly in English, excluding footnotes, appendices, and short extracts for translation.

While we will perform pre-press evaluations on the collection, we do not provide full copyediting services, so we ask that works are submitted to us in their final, 'ready-to-go' form.

How to Submit?

You should submit to the Editor a completed proposal form, alongside a copy of your work for their review. This submission should be made directly to the address at the top of this page.

If you have any questions about the collection, prior to your submission, please contact the Editor.

Timeline:

Submission deadline: 31 December, 2021

Notification of acceptance: 31 January, 2022

Final version due: 31 March, 2022

All works should be submitted to the Editor, at the address provided at the top of this document.

The Editor will review these personally to consider their inclusion in the work. Should the Editor approve the chapters, you will then be asked to complete an agreement for the publication of these chapters. **It is essential that this agreement is completed in order for your work to be printed.**

Once the Editor has approved the chapter, and has received your contributor agreement, these will then be sent to Cambridge Scholars as a complete collection for pre-press reviews and publication. **As such, it is essential that the work you submit to the Editor is finalised and has been thoroughly proofread.**



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