

Title: **MULTILEVEL CONVERTERS**

Subtitle: **ADVANCES AND APPLICATIONS**

Edited by: **Dr. Salman Ahmad, Dr. Farhad Ilahi Bakhsh, Dr. P. Sanjeevikumar**

Estimated publication date: **September 2023**

Scope of work:

This book "Multilevel Converters: Advances and Applications" intended to provide deep insight about multilevel converters operation, modulation & control strategies and various recent applications of multilevel converters such as in variable speed drives, renewable energy generation and power systems. The book will serve as a reference for academic researchers, university students and practicing engineers who are working in the area of multilevel converters.

Tentative table of contents or list of topics:

Chapter-1: Comparative Study of Multilevel converters with two-level converters, Chapter-2: Multilevel Inverters: Classification Approaches and its Applications, Chapter-3: Multilevel inverter Topologies for Solar Photo-Voltaic (SPV) system, Chapter-4: Multilevel Converter application and control for SPV System, Chapter-5: Grid Integration Applications of Multilevel Converters, Chapter-6: Operation and constraints of multilevel converter in SPV system, Chapter-7: Quasi Z source Multilevel Inverter for PV applications, Chapter-8: Switched-Capacitor Multilevel Converter for Solar Photo-Voltaic System, Chapter-9: Low switching frequency operation of multilevel inverter in PV power generation, Chapter-10: Fault-Tolerant operation of Multilevel Inverter Topologies for Industrial Application, Chapter-11: Modular Multilevel converter based unified power flow controller (UPFC), Chapter-12: Modeling and Analysis of Direct Torque Control-Space Vector Modulation of DFIG, Chapter-13: Field oriented control (FOC) of motor drives with multilevel converter, etc (related to it).

About Scrivener Publishing: Established in 2009, the purpose of Scrivener Publishing is to publish books in the technical applied sciences for both the practitioner in industry and the researcher in academia. This high-quality content is essential to our professional customers and is sold globally as print and electronic as well as in aggregated databases, including *Scopus* and *Web of Science*. By partnering with Wiley, the leading engineering publisher, to create our joint imprint, Wiley-Scrivener, Scrivener Publishing offers our authors, editors and contributors, efficient and personalized editorial attention, as well as global marketing, sales, and distribution both in print and digital.

Important Dates:

Abstract Submission (of approx. 500 words): **30-06-2022** Abstract Acceptance: **31-07-2022**

Full Chapter Submission: **30-11-2022** Chapter Acceptance: **31-12-2022**

Final chapter Submission (in Word): **28-02-2023** Submission to Publisher: **31-05-2023**

The book will be published under the Wiley-Scrivener imprint and will be indexed by *Scopus* and offered to *Web of Science*.

How to Submit Your Chapter:

Send your 500-word abstract by the designated deadline to: <https://easychair.org/conferences/?conf=mcaa2023>

Advise us how many words your chapter is likely to be and the number of figures/tables. Note we are looking for a range of 8,000-12,000 words. Make sure list all co-authors with complete contact information and links to Google Scholar Profile and CVs. The publisher's guidelines can be located at <https://www.scrivenerpublishing.com/guidelines.php>. Note that all chapters will be put through similarity software and publisher's guidelines are an overall similarity index of less than 15% (with maximum 3% from any single source). ...

Reviewing Policy: The editor(s) will engage 2 single blind peer-reviewers to assess originality, clarity, usefulness, and adherence to scope of project.

About Editor(s):

Identify lead editor, give names, affiliations, and Google Scholar Profiles/websites only.

1. Dr. Salman Ahmad, Islamic University of Science and Technology Awantipora,

<https://scholar.google.com/citations?user=fIWV9e4AAAAJ&hl=en>

2. Dr. Farhad Ilahi Bakhsh, National Institute of Technology Srinagar,

<https://scholar.google.co.in/citations?user=suDyMnIAAAAJ&hl=en>