

Call for Book Chapters



Title: Recent Advances in Time Series Forecasting

Publisher: CRC Press: Taylor & Francis Group

Final Book Publication: Anticipated to be released in 2021.

The publishing house **CRC Press: Taylor & Francis Group** is in process of publishing the book “**Recent Advances in Time Series Forecasting**” with aims to cover the recent advancement in the field of time series analysis and forecasting. The main objective of the book is to publish the well-written original research studies and articles that describe the latest mathematical, statistical and computational developments in the area of time series analysis.

The projected audience for this book will be scientist, researchers, and postgraduate students.

Suggested topics (but not limited)

- Time series analysis
- Auto regressive moving average
- Time series forecasting
- Exponential Smoothing
- Singular spectrum analysis
- Time frequency analysis techniques
- Fast fourier transform
- Wavelet transform
- Modelling time series
- Seasonal autoregressive integrated moving average model
- Box-Jenkins Model Estimation
- Data cleaning and feature engineering
- Economic time series Forecasting
- Time series forecasting models
- Machine Learning approaches for time series
- Artificial neural networks
- Support vector machine
- Fuzzy logic
- Gaussian process
- Hidden Markov model
- Fuzzy time series
- Chaotic analysis
- Computational intelligence for time series analysis
- Sales time series Forecasting
- Budgetary Analysis
- Stock Market Analysis
- Yield Projections
- Process and Quality Control
- Inventory Studies
- Workload Projections
- Utility Studies
- Census Analysis
- Air quality prediction
- Weather conditions in specific regions
- Electricity consumption in an household
- Heart rate monitoring
- Total sales in a store
- Time series in healthcare

Submission Procedure

- ✓ The authors are invited to submit the one-page abstract/proposal (on or before **July 15, 2020**) including:
 - Title of the contribution
 - Name of authors, affiliations and email-addresses
 - Content/Abstract of the proposed chapter
- ✓ Email your proposal to drbisht.math@gmail.com or drmrswami@yahoo.com
- ✓ Guidelines for submission of full-length chapters will be provided after the acceptance of the proposal.
- ✓ All submitted chapters will be reviewed on a double-blind review basis. Contributors may also be requested to serve as reviewers for this project, up to two manuscripts.
- ✓ **There is "NO PUBLICATION FEE" for publishing the accepted chapters.**

Publisher

This edited book is scheduled to be published by CRC Press: Taylor & Francis Group. For additional information regarding the publisher, please visit www.crcpress.com. This publication is anticipated to be released in 2021.

Important Dates

Proposal/ Abstract Submission Deadline:	July 15, 2020
Notification of Acceptance:	July 30, 2020
Full Chapter Submission:	September 15, 2020
Review Results Returned:	September 30, 2020
Revised Chapter Submission:	October 30, 2020
Final Corrected chapter Submission:	November 15, 2020

Editor(s)

Dr. Dinesh C. S. Bisht, Jaypee Institute of Information Technology, Noida, India.
Email: drbisht.math@gmail.com

Prof. (Dr.) Mangey Ram, Graphic Era University, Dehradun, India.
Email: drmrswami@yahoo.com