



an Open Access Journal by MDPI

Selected Papers from “4th Elba Workshop on Forward Physics @ LHC Energy”

Guest Editors:

Dr. Simone Giani

Dr. Kenneth Osterberg

Dr. Joachim Baechler

Dr. Christophe Royon

Dr. Helmut Burkhardt

Dr. Joao Varela

Dr. Angelo Scribano

Deadline for manuscript
submissions:
closed (31 August 2018)

Message from the Guest Editors

Current theoretical frameworks and perspectives for beyond Standard Model physics at 13 TeV energy are analyzed from the viewpoint of forward physics. The potential and sensitivity of the main current forward experiments at the LHC are on focus, as well as the required detector developments and accelerator operations.

In particular, the aim of this Special Issue is to collect timely contributions outlining recent advances on the forward detectors and physics results at the CERN LHC. Topics of interests include, but are not limited to, the following aspects:

- Theory
- Forward Physics Results
- Experiments
- Detectors Technology
- Accelerators

Dr. Simone Giani
Dr. Kenneth Osterberg
Dr. Joachim Baechler
Dr. Joachim Baechler
Dr. Helmut Burkhardt
Dr. Joao Varela
Dr. Angelo Scribano
Guest Editors



mdpi.com/si/16726



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Antonio Ereditato

Enrico Fermi Institute, The
University of Chicago, Chicago, IL
60637, USA

Message from the Editor-in-Chief

The realization of dedicated instrumentation has always been a collateral aspect of experimental research. In addition, many groups dedicate efforts and resources solely to the development of new devices, sensors, equipment and large infrastructure, theoretical and numerical studies, and novel experimental methodologies. With Instruments we wish to address both established and emerging communities, also to favor the creation of innovative trans-disciplinary approaches. We see Instruments as an exciting high-impact journal that will soon hold a leading position in disseminating cutting edge scientific and technological research.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, Inspec, CAPlus / SciFinder, INSPIRE, and other databases.

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.9 days after submission; acceptance to publication is undertaken in 7.2 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Instruments Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/instruments
instruments@mdpi.com
[X@instrumentsmdpi](https://x.com/instrumentsmdpi)