



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

Guest Editors:

Dr. Simone Giani

simone.giani@cern.ch

Dr. Kenneth Osterberg

kenneth.osterberg@cern.ch

Dr. Joachim Baechler

joachim.baechler@cern.ch

Dr. Christophe Royon

christophe.royon@cern.ch

Dr. Helmut Burkhardt

Helmut.burkhardt@cern.ch

Dr. Joao Varela

Joao.Varela@cern.ch

Dr. Angelo Scribano

scribano@pi.infn.it

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





Editor-in-Chief

Prof. Dr. Antonio Ereditato

Albert Einstein Center for
Fundamental Physics,
Laboratory for High Energy
Physics, University of Bern,
Sidlerstrasse, 5 CH-3012 Bern,
Switzerland

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.

Rapid Publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 21.3 days after submission; acceptance to publication is undertaken in 3 days (median values for papers published in this journal in the first half of 2020).

Recognition of Reviewers: reviewers who provide timely, thorough peer-review reports receive vouchers entitling them to a discount on the APC of their next publication in any MDPI journal, in appreciation of the work done.

Contact Us
