

# Special Issue

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

### 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

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### Guest Editors

Dr. Simone Giani

Dr. Kenneth Osterberg

Dr. Joachim Baechler

Dr. Christophe Royon

Dr. Helmut Burkhardt

Dr. Joao Varela

et al.

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### Deadline for manuscript submissions

closed (31 August 2018)



## Instruments

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Antonio Ereditato

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