



Contribution ID: 42

Type: **Presentation**

CMS Software and Computing in LHC Run 2 (and Beyond)

Thursday, 3 August 2017 14:38 (18 minutes)

The CMS experiment relies on the excellent performance of event reconstruction algorithms and timely processing of data and simulation samples for the prompt development of physics results. But the large trigger rates, complicated event environment and excellent performance of the LHC have posed many challenges for the CMS software and computing systems. We will describe recent developments in software and computing that have allowed physics results to be produced more efficiently, and look towards the even greater challenges that we will face in the future.

Primary author: BLOOM, Kenneth (Nebraska)

Co-author: CREMONESI, Matteo (FNAL)

Presenter: CREMONESI, Matteo (FNAL)

Session Classification: Computing, Analysis Tools, and Data Handling

Track Classification: Computing, Analysis Tools and Data Handling