



Contribution ID: 372 Contribution code: MOYB1

Type: **Invited Oral Presentation**

Sustainable accelerator concepts and technologies

Monday, 20 May 2024 11:00 (30 minutes)

Sustainability of accelerators construction and operation is becoming a driver for new accelerators at the high-energy and beam power frontier. The ICFA Panel on Sustainable Accelerators and Colliders assesses and promotes developments on energy efficient and sustainable accelerator concepts, technologies, and strategies for operation, and assess and promote the use of accelerators for the development of Carbon-neutral energy sources. This talk gives an overview of the world-wide efforts, notable accomplishments to date, and trends that will shape the construction and operation of future large accelerators.

Footnotes

Funding Agency

Paper preparation format

Region represented

North America

Primary author: ROSER, Thomas (Brookhaven National Laboratory)

Presenter: ROSER, Thomas (Brookhaven National Laboratory)

Session Classification: Plenary after coffee

Track Classification: MC0: Plenary Talks