



Contribution ID: 268 Contribution code: TUKA02

Type: **Invited Oral Presentation**

MEDSI: from inception to the 25th anniversary and beyond –founders' perspective

Tuesday 16 September 2025 09:20 (20 minutes)

The 2000 two-day Mechanical Engineering Design of Synchrotron Radiation Equipment and Instrumentation (MEDSI) workshop has since evolved into a key event fostering the networking of light sources' engineering community. The conference was conceived to address a key gap in the synchrotron radiation (SR) community: although mechanical engineers played a crucial role in the development of the facilities, their contributions were mostly not recognized and presented at major scientific conferences, hindering valuable information exchange. To address these challenges, a small group of initiators proposed the establishment of MEDSI, dedicated specifically to mechanical engineering topics within the SR community. The inaugural workshop was held at the Swiss Light Source (SLS) in Switzerland, attracting approximately 35 participants from leading facilities. Thanks to the dedicated efforts of the local organizers and the international program, scientific and organizing committees, over the past 25 years MEDSI has grown into a major week-long international conference, with a perspective to perhaps aim in the future at even broader intersectoral and career development scopes.

Footnotes

Funding Agency

Author: SHARMA, Sushil (Brookhaven National Laboratory)

Presenter: SHARMA, Sushil (Brookhaven National Laboratory)

Session Classification: Welcome & MEDSI 25th Anniversary Keynote

Track Classification: CORE TECHNOLOGY: Others