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Summary of the workshop on “UED opportunities for dynamical imaging of materials”

Wednesday, 22 May 2024 16:00 (2 hours)

In late 2023 (6-8 November), Los Alamos National Laboratory hosted the “UED Opportunities for Dynamical Imaging of Materials” workshop in Santa Fe, New Mexico. The workshop was divided into two sections. The first part (1.5 days) was dedicated to material science and needs for UED imaging, and the second part (1 day) to discuss accelerator science driving next generation ultra-fast diffraction systems. In this workshop, emphasis was placed on identifying current and future scientific problems that will utilize compact MeV-UED machines, discussing state-of-the-art technological advances, and exploring future opportunities for MeV-UED machine developments. This paper will present an overview of the workshop’s goals and summarize discussions and conclusions.

Footnotes

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North America

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