



Contribution ID: 247

Type: Oral Presentations

Laser Sources and their Applications - An Overview

Wednesday, 30 January 2019 11:30 (15 minutes)

Laser sources have undergone a lot of innovation covering almost all the electromagnetic spectrum. The use of lasers in Agriculture, industry, medicine, material science, molecular biology, holography and energy turns to put a better price on investing into such technology. This paper attempts to introduce photonics as a main tool in Laser applications and the fabrication of free electron laser radiation from Synchrotron source. An overview and potential use of lasers in solving problems in developing countries will be appraised.

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Session Classification: AfLS2

Track Classification: AfLS2 track