



Contribution ID: 52

Type: **Oral Presentations**

## **Overview : Synchrotron Light Source Machines**

*Thursday, 19 November 2015 11:20 (20 minutes)*

The general layout of a synchrotron light source will be given with the description of the different accelerator areas like linac, booster synchrotron and storage ring as well the description of the different components like magnets, vacuum system, RF-system, etc. As an example the layout the of MAX-IV and the ESRF-EBS will be discussed in order to reach a small emittance and high brilliances for the users. The project SESAME will be used to describe a roadmap for the establishment of the synchrotron light source in Africa.

**Primary author:** Prof. EINFELD, Dieter (ESRF)

**Presenter:** Prof. EINFELD, Dieter (ESRF)

**Session Classification:** Policy and Strategy Talks

**Track Classification:** Main