

## **From Krabi's Initiatives to ASEAN Synchrotron: SLRI's Perspectives**

Sarawut Sujitjorn

*Director, Synchrotron Light Research Institute, Thailand*

ASEAN Economic Community (AEC) is one of the three polars of ASEAN, whilst being AEC in 2015 is approaching. For many years, ASEAN have coined their two objectives of being AEC, i.e. single market, and to reduce poverty and development gaps among ASEAN nations through collaborations and assistances. In 2010, the Ministry of Science and Technology, Thailand, proposed many salient programs for ASEAN collaborations, later referred to as Krabi's Initiatives. Among those, research collaborations in synchrotron science and technology were introduced. Later, an idea of using facility at SLRI, Thailand, as ASEAN synchrotron was proposed.

This short presentation will brief audiences on ASEAN COST and Krabi's Initiatives. These lead to an existence of Ad-hoc Working Group on Synchrotron Science and Technology of ASEAN. The Working Group have come-up with recommendations for use, and research fields of interests for ASEAN scientists to work together at SLRI-site. Presentation will cover introduction to SLRI synchrotron facility (originally donated by SORTEC of Japan) with some selected research results, recommendations for ASEAN use, research fields of ASEAN interests, and past activities with ASEAN.