

**Welcome**

**1<sup>st</sup> African Light Source  
Conference & Workshop**

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**Triangle Science, Education & Economic  
Development, LLC**

**African Laser Centre**

**MIT (Retired)**

**ESRF**

**November 16, 2015**

# Venue

- The venue has been selected to be on the campus of a premier international synchrotron light source.
- Future conferences will be held in Africa.

# Special Thanks

- **ESRF Director, Francesco Sette, and his colleagues: Jürgen Härtwig, Ed Mitchell, Anne-Francoise Maydew, Sarah Brule, Delphine Chenevier, Gary Admans, and many others**
- **Organizing Committee led by Simon Connell**
- **Brian Masara for managing logistics from African side**
- **Tshepo Ntsoane for leading South Africa's road to ESRF membership**
- **AfLS Interim Steering Committee**
- **Herman Winick and the energy that he brings**

# Goals of Conference & Workshop

- **Development of a Roadmap to enhance the light source user community on the African continent and facilitate the discussion of constructing an AfLS**
- **Election of a fully mandated Steering Committee to drive the Roadmap**

# Logistics

- During the first two day, there will be a Conference component consisting of two main kinds of presentations:
  - Research highlights at international light sources
  - Research by Africans or problems whose solutions are critical for Africa.
- The last three days will be devoted to discussions on strategy and policy with two outputs:
  - Roadmap
  - Election of a fully mandated Steering Committee for AfLS

# African Laser Centre as a Model of African Collaborations



# **Light Source Facilities Serving as Models**

- **European Synchrotron Radiation Facility (ESRF)**
- **Synchrotron-light for Experimental Science & Applications in the Middle East (SESAME)**
- **Brazilian Synchrotron Light Laboratory (Sirius)**
- **Max IV in Sweden**

**LET'S GO TO WORK!!!**