

Tango LMC Harmonisation Through Telescopes - Best Practices and Roadmap Definition

Tuesday, February 16, 2016 - Thursday, February 18, 2016

Trieste, Italy

Programme

Day 1

Welcome from OAT Director : S.Borgani

Workshop Opening (Outline and Logistics) : A.Cremonini (SKAO)

Advanced TANGO Training : L. Pivetta (Instructor - ELETTRA)

We expect this day to contain training that covers all or most of these topics:

TANGO installation (multiple installations, major releases etc..)

TANGO database (domains, hierarchies...)

TANGO device servers (standard servers, advanced features)

TANGO serialization model

TANGO access control

Polling

Threading, inheritance, synchronization

Events and Alarms

HDB++ (advantages, architectural patterns, hierarchy, domains...)

Naming convention + examples

Day 2 — Interactive lessons

Moderators : A.Gotz (ESRF), L. Pivetta (ELETTRA)

SKA-relevant TANGO use cases shall be previously evaluated and prioritised by moderators in order to provide a wide coverage. To the proposers will be asked to give a short presentation (10 min) to introduce the use case.

Questions/open discussion

Visit to nearby **Elettra Sincrotrone** facilities (Elettra/Fermi)

Elettra - Sincrotrone Trieste S.C.p.A. is a multidisciplinary international research center, specialized in generating high quality synchrotron and free-electron laser light and applying it in materials science. Its mission is to promote cultural, social and economic growth through:

Basic and applied research;

Technical and scientific training;

Transfer of technology and know-how.

Elettra Control System have been developed on **TANGO**

Day 3 — Building the SKA-TANGO collaboration

Moderators : A.Cremonini, J.S Vela, R. Olguin (SKAO)

SKA roadmap (15-20 minutes)

TANGO roadmap (20-30 minutes)

Way forward harmonisation (rest of the session)