TANGO STEERING COMMITTEE

Report from Steering Committee meetings in December 2020 + May + August 2021

Andy Götz + *Nicolas Leclercq*
Jean-Michel Chaize

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Steering Committee members

- ALBA — Guifré Cuni
- DESY — Thorsten Krachts
- ELETTRA — Lorenzo Pivetta
- ESRF — Nicolas Leclercq, Andy Götz
- INAF — Matteo Canzari
- MAXIV — Vincent Hardion
- SOLARIS — Ireneusz Zadworny
- SOLEIL — Gwenaelle Abeille
- SKAO — Marco Bartolini + Nick Rees
- SKA-ZA — Anton Joubert → Johan Venter
- ELI-Beamlines — Birgit Plötzenender → …

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Renewal Collaboration Contract

- **Collaboration contract is a commitment to maintain and develop Tango.**

- Minimum contribution is **11 keuros/year. In-kind** contribution gives more votes.

- First contract of 5 years expired in 2020

- The contract has been extended with an amendment until 2025 and signed by 11 partners

- **The collaboration is looking for new members** → email me/SC member!

TANGO Controls Collaboration

Between

EUROPEAN SYNCHROTRON RADIATION FACILITY, hereafter referred to as the **ESRF**, located, 71 avenue des Martyrs, Grenoble, France, and represented by Dr. Francesco SETTE, Director General, and Mr. Luis SANCHEZ ORTIZ, Dire Administration,

and

SYNCHROTRON SOLEIL, hereafter referred to as **SOLEIL**, located, L'Orme des Merisiers, Saint Aubin, BP 48, 91192 GIF-SUR-YVETTE, Cedex, France, and represented by Dr. Jean DAILLANT, Director, and Mr. Jean-Michel CASSAGNE, Administrative Dire

and

Elettra - Sincrotrone Trieste S.C.p.A., hereafter referred to as **ELETTRA**, located S.S. 14, km 163.5 in AREA Science Park, Basovizza, 34149 TRIESTE, Italy, and represented by Prof. Alfonso FRANCIOSI, President and C.E.O.,

and

CONSORTIUM FOR THE CONSTRUCTION, EQUIPPING AND EXPLOITATION OF THE SYNCHRO **LIGHT SOURCE**, hereafter referred to as **CELLS**, located, Carretera BP 1413, de Cerdanyola del Vallès a Sant Cugat del Vallès, 08290 Cerdanyol Vallès, Barcelona, Spain, and represented by Dr. Caterina BISCARI, Director

and

MAX IV Laboratory, hereafter referred to as **MAX IV**, located, Lund University, P.O Box 118 SE-221 00 Lund, Sweden, and represented by Dr. Christoph QUITMANN, Director, and Mr. Peter ANDERSSON, Administ Director,

and

DEUTSCHES ELEKTRONEN-SYNCHROTRON, hereafter referred to as **DESY**, located Notkestraße 85 22607 HAMBURG, Germany, Represented by Prof. Dr. Helmut DOSCH, Director General And Prof. Dr. Edgar WECKERT, Director Photon Science,

and

TANGO Collab

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Main decisions in 2020/2021

- Move from GitHub to GitLab

- Renew Collaboration Contract

- Raise financial contribution 10%

- Increase the in-kind contribution

- Launch a Call For Tender

- Continue support for LTS

- Rotating **coordinator** role → **Elettra in 2022**

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Call For Tender in 2021

- Launched in **March 2021**

- 6 Companies responded
- 4 Companies were select:

  - **S2Innovation**
  - **Byte Physics**
  - **IK company**
  - **Observatory Sciences**

- Contracts signed from **June 2021** for **3 years** with possible extension of 2 years.
- First orders to be sent out in **September 2021**

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Main suppliers:

- S2Innovation
- Byte Physics
- IK company
- Observatory Sciences

Annual support contracts

- omniORB
- Webu
- Freexian

Main activities for 2021 - 2022

- Support for LTS – cppTango, PyTango, JTango

- Complete RFC specifications

- Specify and develop a prototype for V10
  With/Without CORBA

- Provide conda packages for Windows

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Core Members Retired

- Jean-Michel Chaize (coordinator)

- Emmanuel Taurel (cppTango, Releases)

- Pascal Verdier (Pogo, Astor, JTango)

Tango workshop at ICALEPCS 2021

The following topics will be presented:

1. The concepts of Tango, how to install it and write a simple device server in Python/Java or C++.
2. The Tango virtual machine and the tools in the eco-system of Tango.
3. Running a Tango system entirely with Docker containers.
4. PyTango and Fandango, the Swiss knife for Tango in Python.
5. Tango HDB++ as a high performance control system archiver.
6. How to write web applications for Tango using Waltz or ReactJ

Organiser: **Vincent Hardion**

Workshop website - https://indico.maxiv.lu.se/event/4952/

Site of Next physical Tango Meeting 2022?

St. Petersburg, Russia