



Connecting things together

ICALEPCS

Tango Workshop

ICALEPCS 2021

WELCOME

<https://www.tango-controls.org>



# Agenda

- New to Tango
- Overview of the ecosystem
- Hands-on
- Tight schedule
- OpenSpace



# Agenda Session 1:

## Tango Core and kickstarter



Asia/Shanghai

20:05 → 21:05

### Session 1: Tango Core and kickstarter

Convener: Guifré Cuní (ALBA Synchrotron)

20:05

#### Tango Concept and update

Speaker: Reynald Bourtembourg (ESRF)

🕒 15m

20:20

#### Installation of Tango

Speaker: Benjamin Bertrand

🕒 15m

20:35

#### Hands-on: Install Party

Speakers: Piotr Goryl, Lukasz Zytiniak

🕒 15m

20:35

#### Hands-on: Kubernetes@SKA

For the development of SKA devices the TANGO-framework has been packaged into a set of container used in order to deploy it with kubernetes as container orchestration.

In the present talk, the devopment workflow for a generic device will be demonstrated in the context of kubernetes.

To follow the talk and make the examples work, it is recommended to follow those steps before the presentation: <https://gitlab.com/ska-telescope/ska-tango-examples#installation>

Speaker: Matteo Di Carlo (INAF)

🕒 15m

20:50

#### Hands-on: a Python server & client example

In this hands-on session a simple Tango server will be written in Python with a client written in a Jupyter notebook.

Speakers: Anton Joubert (SARAO) , Nicolas Leclercq (ESRF)

🕒 15m

Parallels hands-ons

-> Shanghai room

-> Beijing room

21:05 → 21:15

Virtual FIKA

🕒 10m



# Agenda Session 1:

## Tango Core and kickstarter



Europe/Stockholm

14:05 → 15:05

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Convener: Guifré Cuní (ALBA Synchrotron)

14:05

#### Tango Concept and update

Speaker: Reynald Bourtembourg (ESRF)

🕒 15m

14:20

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🕒 15m

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🕒 15m

Parallels hands-ons

-> Shanghai room

-> Beijing room

15:05 → 15:15

Virtual FIKA

🕒 10m





# Agenda Session 2: Tango Tools



Asia/Shanghai

<b>15:15 → 16:15</b>		<b>Session 2: Tango Tools</b>	
		Tango Tools	
		Convener: Nicolas Leclercq (ESRF)	
15:15	<b>HDB++</b>	Speaker: Lorenzo Pivetta (Elettra)	🕒 15m
15:30	<b>Sardana</b>	Speaker: Zbigniew Reszela (Alba)	🕒 15m
15:45	<b>Hands-on: Taranta</b>	Speaker: Yimeng Li -> Shanghai room	🕒 15m
15:45	<b>Hands-on: Waltz</b>	-> Beijing room Speakers: Igor Khokhriakov (Hereon) , Olga Merkulova (ik-company.com)	🕒 15m
16:00	<b>Common pattern and anti-pattern</b>	Speaker: Andy Gotz (ESRF)	🕒 15m
<b>16:15 → 16:25</b>	<b>Break 2</b>		🕒 10m



TANGO

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# Agenda Session 2: Tango Tools



Europe/Stockholm

15:15 → 16:15

## Session 2: Tango Tools

Tango Tools

Convener: Nicolas Leclercq (ESRF)

15:15

### HDB++

Speaker: Lorenzo Pivetta (Elettra)

🕒 15m

15:30

### Sardana

Speaker: Zbigniew Reszela (Alba)

🕒 15m

15:45

### Hands-on: Taranta -> Shanghai room

Speaker: Yimeng Li

🕒 15m

15:45

### Hands-on: Waltz

Speakers: Igor Khokhriakov (Hereon), Olga Merkulova (ik-company.com)

🕒 15m

16:00

### Common pattern and anti-pattern

Speaker: Andy Gotz (ESRF)

🕒 15m

16:15 → 16:25

Break 2

🕒 10m

Parallels hands-ons

-> Beijing room



# TANGO

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# Agenda

## Question on Whova



Whova

Whova Guides

Organizing your own event?

Vincent Hardion

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Ask Organizers Anything

Have any question for the organizer? Ask here.

10 questions • 10/13/2021

Organizer Announcements

Check all announcements sent by the organizer

1 announcement • 9/26/2021

Meet-ups & Virtual Meets

Suggest a dinner together, a morning run, or anythi...

1 activity • 8/17/2021

Workshop - Tango

Hi all, jupyTango is supposed to work out the box i...

18 messages • 4:37 AM

Following

Break the Ice!

Introduce yourself to everyone, so others get chanc...

Workshop - Tango

Thank you, @Andrew Gotz!

Oct 12, 2021 3:27 PM

Yingbing Yan

Registered delegates enter the Workshop Zoom room through Whova. The link will be posted 14th October.

Oct 13, 2021 2:40 PM

Check this link and get prepared for the Python server and client with Jupyter  
<https://indico.maxiv.lu.se/event/4952/contributions/5627/attachments/1051/>

Do you want to know the different way to install Tango? Benjamin has prepared  
<https://indico.maxiv.lu.se/event/4952/contributions/5625/attachments/1050/2060/Installation%20of%20Tango.pptx>

To follow the Advanced hands-on workshop, it is recommended to follow those steps before the presentation:  
<https://gitlab.com/ska-telescope>

Magic of web tech! To follow the workshop, please check if you have access to <https://taranta-demo.maxiv.lu.se/tango-test/>

Alessio Igor Bogani

Taranta is very impressive.

Type a message...

Send

0/1000



# Agenda

## Open Space Session







16:25 → 17:10

**Open Space Session: Profit of the Tango experience**  

The Tango workshop won't cover all the questions that you would like to ask, especially within the tight schedule of the virtual format. The open space technology is the best opportunity to bring those subjects which need an extensive discussion. Feel free to ask on any subject whatever you are newcomers or experts.

**Convener:** Vincent Hardion (MAXIV Laboratory)

	Room 1	Room 2	...
Slot 1 16:30 -> 16:45 5mn summary	 <div>Q1...</div>	 <div>Q2...</div>	
Slot 1 16:50 -> 17:05 5mn summary	 <div>Concept?</div>	 <div>Why?</div>	





# Open Space Session



	Shanghai	Beijing	Chongqing	Tianjin	Guangzhou	Shenzhen
Slot 1 15 mn 5mn summary						
Slot 1 15 mn 5mn summary						



Enjoy





# Speakers

- Good, you are connected !!!
- Try to share your screen

