Welcome to the Swiss SKA days #5

Jean-Paul Kneib (EPFL)

- Swiss SKA Consortium -

Welcome to the Swiss SKA days #5

130 registered participants
80 @ EPFL
3 new groups

UniBA

FHNW

UniZH+ETHZ+ZHAW

UniBE

HES-SO

EPFL

HES-SO

UniGE

CSCS

Following the previous Swiss SKA day(s)

- **Oct. 2016: Switzerland has SKA observer status**
- **March 2019: Signature of the treaty creating the SKA Observatory International Governmental Organisation**
- **Apr. 2020: EPFL join SKA as leading house of CH**
- **Feb 2021: SKAO started to exist as an IGO**
- **June 2021: EPFL became a member of SKAO**
- **Sept 2021: Swiss parliament to review the proposal for a long term participation of CH in SKAO**
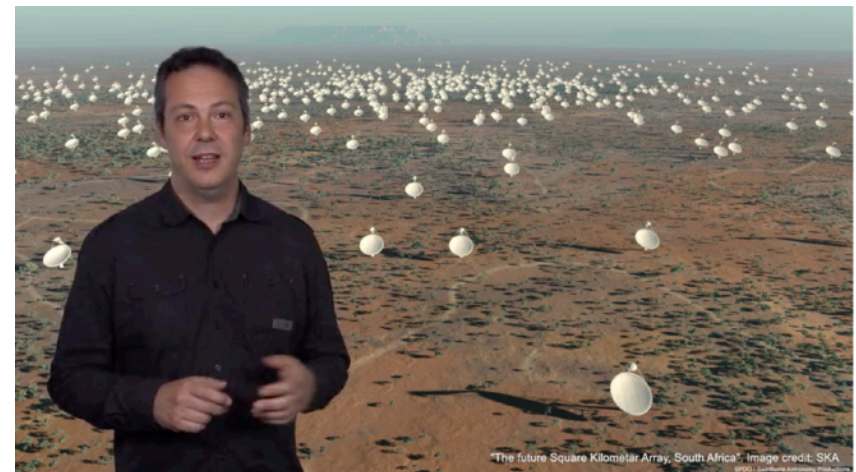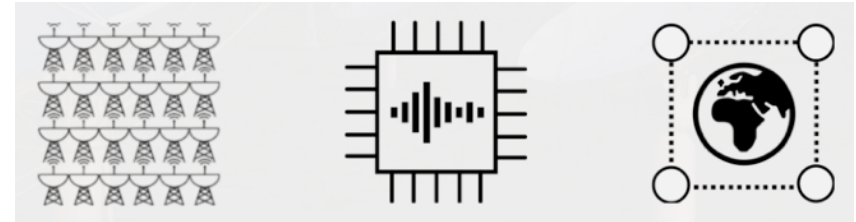
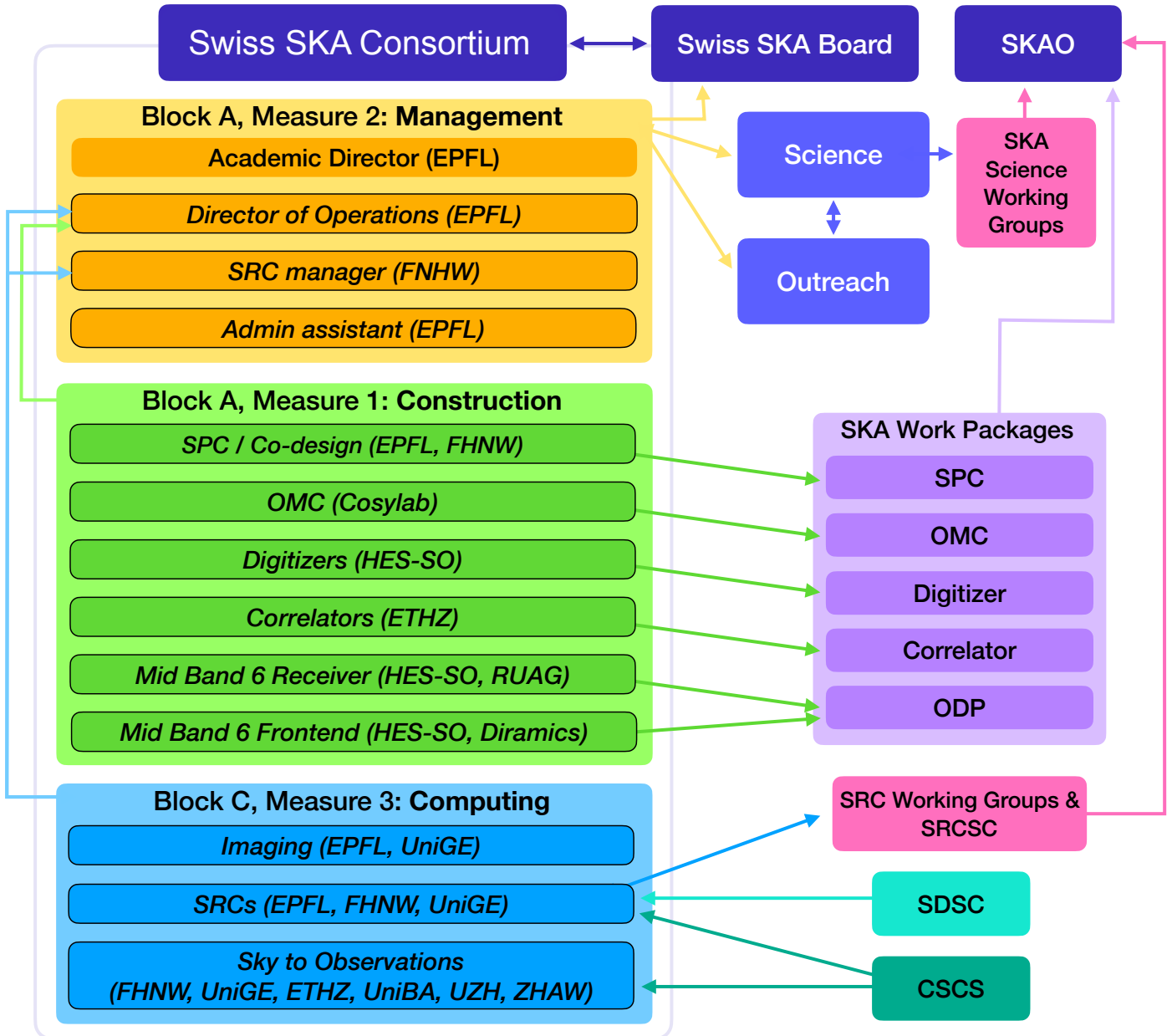**End 2021/Beg 2022: CH to become a full member of SKAO**

Outline of the Meeting

- News from SKA Observatory

- News from SKA in China, Canada, France, and Europe

- News from *Meerkat, LOFAR, MWA* and *HIRAX*

- **3rd Industry Session**

- Report on Swiss SKA development: Astro & Data Science

South Africa

Meerkat

HIRAX

FAST

China

Swiss News

HIRAX

- **ETHZ/UniGe/EPFL** participation in the HIRAX project - with new funding from SNF/FLARE (2020)

- **AstroSignal** project funded by SNF-Sinergia - started June 2020 (https://astrosignals.ch/)

- **SKAO SERI support measure** funding - started June/Sept 2021

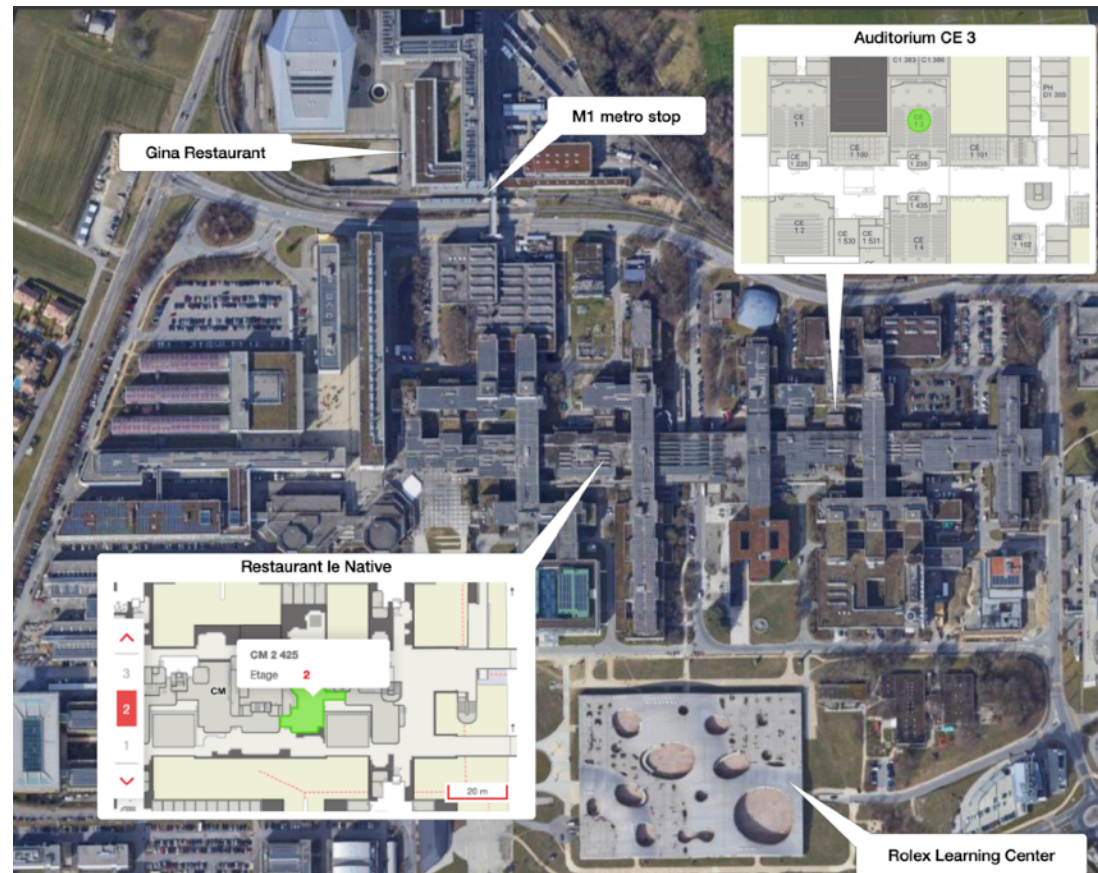- EPFL/South-Africa **MOOC: Radio-Sky part I (2020), part II (2021)**

EPFL

Swiss SKA Org Chart

Swiss SKA Consortium ⟷ Swiss SKA Board   SKAO

Block A, Measure 2: Management
- Academic Director (EPFL)
- *Director of Operations (EPFL)*
- *SRC manager (FNHW)*
- *Admin assistant (EPFL)*

Science

Outreach

SKA Science Working Groups

Block A, Measure 1: Construction
- *SPC / Co-design (EPFL, FHNW)*
- *OMC (Cosylab)*
- *Digitizers (HES-SO)*
- *Correlators (ETHZ)*
- *Mid Band 6 Receiver (HES-SO, RUAG)*
- *Mid Band 6 Frontend (HES-SO, Diramics)*

SKA Work Packages
- SPC
- OMC
- Digitizer
- Correlator
- ODP

Block C, Measure 3: Computing
- *Imaging (EPFL, UniGE)*
- *SRCs (EPFL, FHNW, UniGE)*
- *Sky to Observations (FHNW, UniGE, ETHZ, UniBA, UZH, ZHAW)*

SRC Working Groups & SRCSC

SDSC

CSCS

Logistics for this meeting

- Standing Lunch @ Native Restaurant [noon]
- Coffee Break @ Arcadie Terasse
- Standing Dinner @ Gina restaurant [6-8 PM]

https://plan.efpl.ch

EPFL

- WIFI connection:
  - *SSID **eduroam***
  - *SSID **public-epfl***
    - *Access: https://enclair.epfl.ch (Information: http://network.epfl.ch/enclair)*
    - *Username: x-skadays*
    - *Password: kabphy28*

  - *SSID **freewifi-epfl***

Logistics for this meeting

- Check: https://indico.skatelescope.org/event/841/overview for the up-to-date program

- Slides have to be posted on indico, if you have issues check with Emma (emma.tolley@epfl.ch)

- Only **plenary sessions**

- *Thanks to Barbara, Estrella & Emma !*