

# Activities of SKA-Japan Consortium

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# SKA-Japan Consortium

founded in 2008, about 100 people

## Organizers

T. Handa (Kagoshima, Chair)  
H. Nakanishi (Kagoshima, Vice Chair)  
K. Takahashi (Kumamoto, Vice Chair)

NAOJ contact  
Y. Hagiwara (NAOJ)

Industry Forum  
T. Kumazawa (TOYO)

## Science Working Group

T. T. Takeuchi  
(Nagoya)

## Engineering Working Group

H. Nakanishi  
(Kagoshima)

## Cosmic Magnetism

T. Akahori  
(KASI)

## AGN

N. Kawakatsu  
(Tsukuba)

## High-z

H. Hirashita  
(ASIAA)

## Astrometry

H. Imai  
(Kagoshima)

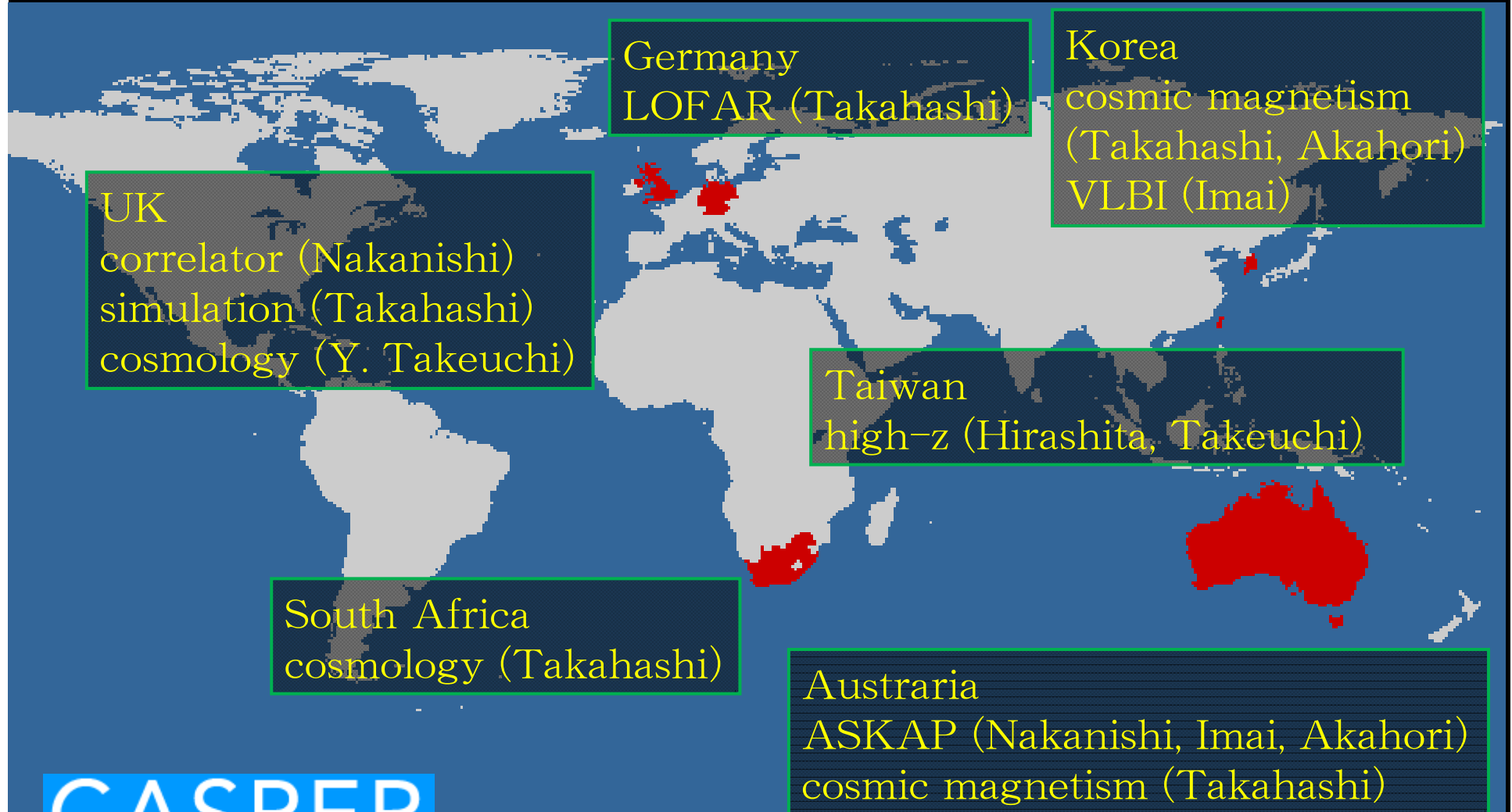
## Pulsar

O. Kameya  
(NAOJ)

## activity

- share information by consortium ML
- telecon: every other month
- SWG telecon: every other month
- workshop
- grants
  - one for sending young researchers overseas (4 persons \* 1 year)
  - one for correlator R&D → Nakanishi-san
  - one for 21cm study
- science
  - cosmic magnetic fields, POSSUM
  - high-z universe with 21cm → Takeuchi-san
  - GASKAP → Imai-san
- engineering
  - correlator
  - data processing, software

# international collaboration



**CASPER**

COLLABORATION FOR ASTRONOMY SIGNAL PROCESSING AND ELECTRONICS RESEARCH

## summary

- Many research projects for SKA are now in progress.
- We have already begun international collaboration and are ready for more and more.