

# Activity Plan : 2017-2019

## UKAKUREN/Japan Forum of Nuclear Astrophysics (JaFNA)

Taka Kajino (NAOJ/UT/BUAA), Chair

### 【Purpose & Mission】

A wide range of researchers in astronomy, astrophysics, nuclear physics, particle physics, and meteorite science interact scientifically, stimulate and help each other and develop research.

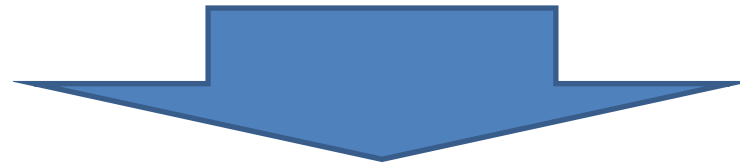
### 【International Organization】

We have started negotiations with JINA-CEE (US), ECT\* (Europe), IBS (Korea) and BUAA (China) to sign the MOU for promoting international scientific exchange.

UKAKUREN/JaFNA is being recognized as federation representing the activities in nuclear astrophysics in Japan. It is desirable to expand global network.

### 【Fostering Young Activities】

Especially we provide opportunity where young researchers can be active.



### 【Action Items】

- We will discuss restructuring organization management, and domestic and international developments by the end of 2018.
- We will propose to change Japanese naming of UKAKUREN/JaFNA; 宇宙核物理連絡協議会 → 宇宙核物理連合

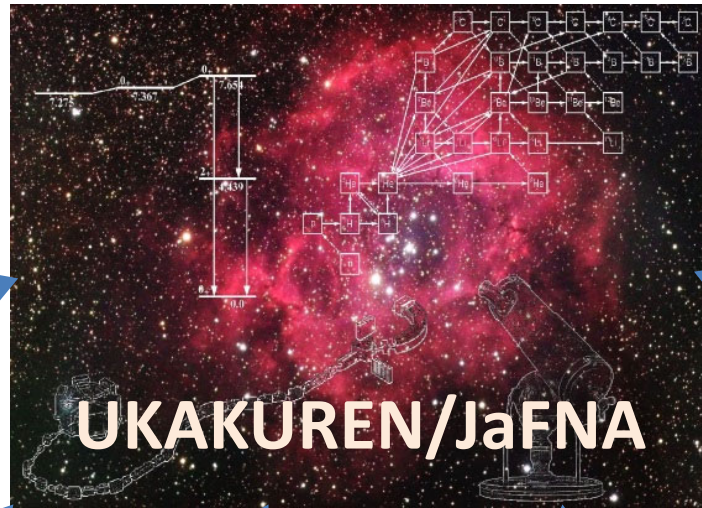
# International Organization



ETC\* European Center



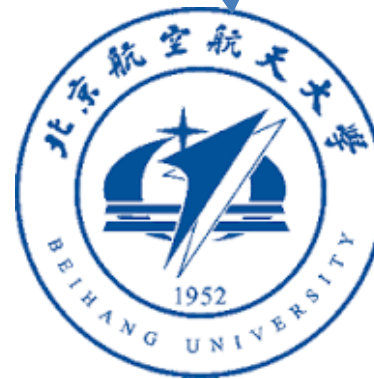
Federation of Nuclear Astrophysics in USA.



Federation representing the activities in nuclear astrophysics in Japan.



Core institutes for nuclear astrophysics in Korea and China.



International Symposium, certified by IUPAP



OMEG is an international conference in nuclear astrophysics held in every two years in Asian countries (China, Korea and Japan) since 1988, being complementary to NIC Conference.

# Establishment of Prizes by UKAKUREN

## Examples

### Japan Astronomical Society

- Young Astronomer Award
- Excellent Paper Award
- Hayashi Chushiro Prize

### High Energy Accelerator Science Forum

- Nihsikawa Prize
- Koshiba Medal (for Exp. Equip. develop.)
- Suwa Medal



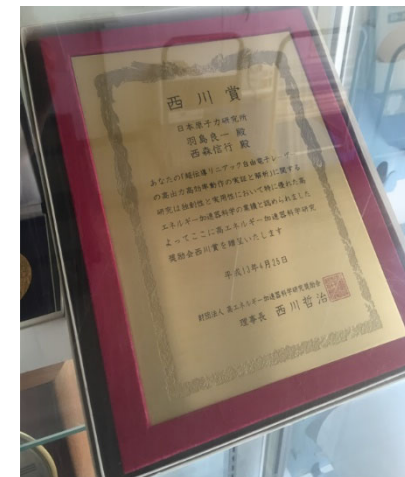
Minister of Education  
Award



Commentaries on the  
examiners' committee

## UKAKUREN/JaFNA

1. Make a standing Review Committee
2. Deliberate journal papers
3. Give a shield or medal with the winner's name.
4. The winner is limited to UKAKUREN members.
5. Every year, 1 theory, 1 experiment and observation.
6. Young priority (age limit?)



Nishikawa Prize