

# KICK-OFF MEETING

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Michel Gonin Director and Kajita-san Co-Director of ILANCE

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International Laboratory for **A**strophysics,  
**N**eutrino and **C**osmology Experiments

# Welcome address Kajita-san



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Mahmoud

Takaaki Kajita  
The Nobel Prize in Physics 2015

Born: 9 March 1959, Higashimatsuyama, Japan

Affiliation at the time of the award: University of Tokyo,  
Kashiwa, Japan

Prize motivation: "for the discovery of neutrino oscillations,  
which shows that neutrinos have mass."

Prize share: 1/2

## What is the purpose of this meeting ?

- Present our new laboratory
- The reasons for the creation a new laboratory, our objectives
- The outline of our scientific program

# Special thanks for the creation of ILANCE and the amazing completion of the signing before the end of the Japanese fiscal year !

- Kajita-san, ICRR Director, and Reynald Pain, IN2P3 Director
- Nakano-san, International Strategy Group /UTokyo
- Edouard Besserve, Direction Europe Recherche et Coopération Internationale /CNRS
- The members of our working committee (many meetings)
  - Mamoru Doi
  - Katsuki Hiraide
  - Tom Haruyama
  - Tomotake Matsumura
  - Patrice Verdier
  - Thomas Palychata

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International Laboratory for **A**strophysics,  
**N**eutrino and **C**osmology Experiments



# ILANCE created on April 1st

**AGREEMENT FOR THE CREATION OF AN  
INTERNATIONAL RESEARCH LABORATORY**  
**International Laboratory for Astrophysics, Neutrino and Cosmology Experiments**  
**ILANCE**

## BETWEEN

The CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, hereinafter referred to as “CNRS”, a public scientific and technological institution, with headquarters at 3, rue Michel-Ange 75794 Paris Cedex 16, France, represented by its Chairman – Chief Executive Officer, Antoine Petit,

## AND

THE UNIVERSITY of TOKYO, hereinafter referred to as “UTokyo”, a national university corporation, whose registered address is 7-3-1 Hongo, Bunkyo-ku, Tokyo, Japan, represented by:

- Prof. Takaaki Kajita, Director of the Institute for Cosmic Ray Research (ICRR);
- Prof. Hiroshi Ooguri, Director of the KAVLI Institute for the Physics and Mathematics of the Universe (KAVLI IPMU) under the UTokyo Institute of Advanced Studies (UTIAS);
- Prof. Shoji Asai, Director of the International Center for Elementary Particle Physics (ICEPP);
- Prof. Masahiro Hoshino, Dean of School of Sciences.

In Paris, on 31/03/2021

For CNRS



Antoine Petit, Chairman – Chief Executive Officer

In Tokyo, on

For UTokyo



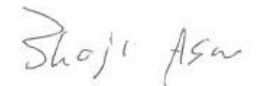
30 March, 2021

Prof. Takaaki Kajita, Director, Institute for Cosmic Ray Research (ICRR)



31 March, 2021

Prof. Hiroshi Ooguri, Director, Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU)



31 March 2021

Prof. Shoji Asai, Director, International Center for Elementary Particle Physics (ICEPP)



31 March 2021

Prof. Masahiro Hoshino, Dean, School of Science

**I L A N C E**

International Laboratory for **A**strophysics,  
**N**eutrino and **C**osmology Experiments

ILANCE is located at Kashiwa Campus, UTokyo, Japan





## The Objectives of this International Research Laboratory

- Creation of a **new cooperation tool** shared by the CNRS with one single foreign partner for the benefit of common projects and the development of international collaborations.
- To structure in an identified place (Kashiwa campus) **the significant and lasting presence of scientists** from a number of French and Japanese research institutions.
- Strengthening existing collaborations over a long period of time for fundamental research in physics and **developing new common research areas**.
- To boost applications for **research grants under ILANCE's umbrella** in France, Japan, European Research Council, ...
- To promote **projects in synergy** between researchers from the different fields of the laboratory, from the smallest to the largest scales of our universe.

## Agenda of the meeting

Kajita-san, MG  
Patrice Verdier

Scientific program  
PIs

# Agenda of the meeting

	<b>Welcome Address</b>	<i>Takaaki Kajita and Michel Gonin</i>	09:30 - 09:50
10:00	<b>Creation of ILANCE</b>	<i>Patrice Verdier</i>	09:50 - 10:20
	<b>ILANCE Scientific Program</b>	<i>Michel Gonin</i>	10:20 - 10:30
	<b>Neutrino, Particle and Cosmic Messenger</b>	<i>Masato Shiozawa &amp; Michel Gonin</i>	10:30 - 11:00
11:00	<b>The Primordial and Violent Universe</b>	<i>Josquin Errard &amp; Tomotake Matsumura</i>	11:00 - 11:30
	<b>The Dark Universe</b>	<i>Nicolas Regnault &amp; Naoki Yasuda</i>	11:30 - 12:00
12:00	<b>Gravitational Waves</b>	<i>Masaki Ando &amp; Matteo Barsuglia</i>	12:00 - 12:30
	<b>Particle Physics and Detector</b>	<i>Tetiana Berger-Hryn'ova &amp; Toshinori Mori</i>	12:30 - 13:00
13:00	<b>Closing remarks</b>	<i>Hiroaki Aihara, Executive Vice President, UTokyo</i>	13:05 - 13:15