

[HOME \(/\)](#)[ABOUT US](#)[NETWORK & INITIATIVES](#)[NEWS & EVENTS](#)[SCIENCE &](#)[CONTACT US \(/INDEX.PHP/DISCUSSIONSIMPLE\)](#)

Launch of Indo-French collaboration in High Energy Physics



An agreement for the creation of an **International Associated Laboratory (IAL)** between the **French National Centre for Scientific Research (CNRS)** and the **Indian Institutes of Technology (IITs)**, will be signed on May 17, 2016, at the **Physical Sciences Auditorium of IISc**.

The background :

In July 2012 the particle physics community announced the discovery of an elementary particle and for the first time, forty years after its prediction, for the physicists who, forty years ago, were convinced of its existence. In spite of this, the search for dark matter remains one of the most important experiments at the colliders still unsolved. For example, the search for dark matter in the Universe. We do not know if it exists or not, but we are convinced of the existence of dark matter.

The objective :

The objective of the collaboration is to create a new International Associated Laboratory, **Indian and French particle physics laboratory**, which will bring together Indian and French theoretical physicists, as well as experimental physicists working on experiments at the LHC, in order to study the standard model, Higgs boson and dark matter.

The **Consul General of France, Mr François Gautier**, and the **Director of IISc, Prof Anurag Kumar**, will speak at the event. The event will be moderated by **Prof Tiggelen**, Scientific Deputy Director of the CNRS Institute of Physics, and **Mr V. Rajarajan**, Registrar of IISc. The event will be open to all Indian and French Scientists; it will take place at **4:45 PM at the Physical Sciences Auditorium of IISc**.

Note to editors:

An International Associated Laboratory is a **"laboratory without walls"**. This new Indo-French collaboration will bring together French and Indian laboratories, pooling together human and material resources in order to implement a jointly funded project. It offers an opportunity for students and young researchers to work in a scientific environment of international excellence.

The International Associated Laboratory is coordinated by two coordinators, one French and one

- **Dr Fawzi Boudjema, CNRS, LAPTh, Annecy, France**
- **Dr Rohini Godbole, IISc, Bangalore, India**

Dr Fawzi Boudjema and Dr Rohini Godbole said “This important step in Indo French collaborative effort is b
and French particle physicists. We hope that, during the tenure of the LIA, the involvement of young Ph.D. st
research collaboration between India and France. In fact, there are about 50 young participants in the kick-
Laboratory and also for the high impact CEFIPRA research network between the Indian and French Laborator

Dr Jenifer Clark, Scientific Attaché based at the French Consulate in Bangalore, said, “We are very happy to
with the Indian Institute of Science (IISc). We are very proud to have a strong and sustained collaboration w
France is IISc’s top collaborating country with regard to joint grants. I hope this new International Associat
research cooperation between France and India”.

Dr Srinivasa Kaveri, Director, CNRS in India, said, “The International Associated Laboratory involves leading physi
collaborative programme not only intensifies research activities of scientists of the two countries to further e
young students for in-depth training and obtaining expertise from world-class investigators in state of the art
To launch this collaboration, a three-day kick-off conference is taking place at IISc from 2nd to 4th May, follow
(ICTS) Bangalore on 5th May.

The International Associated Laboratory is structured around four nodes in each country:

- France :

Laboratoire d'Annecy-le-vieux de physique théorique (LAPTh), CNRS/Université Savoie Mont Blanc, Annecy
Institut de physique nucléaire de Lyon (IPNL), CNRS/Université Claude Bernard, Lyon
Laboratoire de physique théorique (LPT), CNRS/ Université Paris-Sud, Orsay, Paris region
Institut de physique théorique (IPhT), CNRS/CEA, Saclay, Paris region

- Inde :

Indian Institute of Science (IISc), Bangalore (Indian coordinator)
Harish Chandra Research Institute (HRI), Allahabad
Department of Theoretical Physics (DTP), TIFR Mumbai
Saha Institute of Nuclear Physics (SINP), Kolkata

Follow  (https://www.facebook.com/pages/Science-Department-French-
Us Embassy-in-India/271062579582843?fref=ts)

 (https://twitter.com/SciFr

Our Websites

--

Our Partners

French Embassy to India

(<http://ambafrancein.org/>)

IFWN Network
French Ministry of Higher Education
and Research

(<http://ifwn.org/>)

CEIPRA
PhD in France

(<http://www.enseignementsup-recherche.gouv.fr/>)

New Delhi 110 011

91 (0) 11 30 41 00 38

(<http://enseignementsup-recherche.gouv.fr/>)
Foreign Affairs Ministry
frenchscienceindia.org

(<http://www.diplomatie.gouv.fr/>)

Copyright © 2016 All rights reserved. Design by Kepran Infosoft (<http://www.kepran.com>)