

Research evaluation

FINAL SUMMARY OF THE EVALUATION ON THE RESEARCH UNIT:

Institut de Physique des deux Infinis de Lyon (IP2I Lyon)

UNDER THE SUPERVISION OF THE FOLLOWING INSTITUTIONS AND RESEARCH BODIES:

Centre national de la recherche scientifique – CNRS

Université Claude Bernard Lyon 1 -UCBL

EVALUATION CAMPAIGN 2019-2020 GROUP A

Report published on June, 30 2020



In the name of Hcéres¹:

Nelly Dupin, Acting President

In the name of the experts committee²:

Anne-Isabelle Etienvre, Chair of the committee

Under the decree No.2014-1365 dated 14 November 2014,

¹ The president of Hcéres "countersigns the evaluation reports set up by the experts committees and signed by their chairman." (Article 8, paragraph 5);

² The evaluation reports "are signed by the chairman of the experts committee". (Article 11, paragraph 2).

A Céres

Tables in this document were filled with data submitted by the supervising body on behalf the unit.

UNIT PRESENTATION

Institut de Physique des deux Infinis de Lyon
IP2I Lyon
UMR 5822
199512096Z
Renewal
Ms Anne Ealet
Ms Anne Ealet
4 themes

EXPERTS COMMITEE MEMBERS

Chair:	Ms Anne-Isabelle Etienvre, CEA, Saclay
Experts:	Mr Olivier Drapier, CNRS, Palaiseau (vice-chairman of the committee)
	Mr Ferid Haddad, Université de Nantes, Nantes
	Mr Patrice Hello, Université Paris Saclay, Orsay (representative of CNU)
	Mr Stéphane Lavignac, CEA, Saclay
	Ms Iolanda Matea Macovei, Université Paris Saclay, Orsay (representative of CoNRS)
	Ms Federica PETRICCA, Max-Planck-Institute for Physics, Germany
	Mr Rémy Potheau, CNRS, Marseille (supporting personnel)
	Mr Urs Wiedemann, CERN, Switzerland

HCÉRES REPRESENTATIVE

Mr Yannis Karyotakis

REPRESENTATIVES OF SUPERVISING BODIES

Mr Frédéric Faure, CNRS

Mr Jean-Francois MORNEX, Université de Lyon1

Ms Lydia Roos, CNRS

INTRODUCTION



HISTORY AND GEOGRAPHICAL LOCATION OF THE UNIT

The Institut de Physique Nucléaire de Lyon (IPNL) was founded in 1961 and is located on the La Doua campus in Villeurbanne since 1963. IPNL was presently a joint research unit (UMR 5822) of the Institut National de Physique Nucléaire et de Physique des Particules (IN2P3) of the Centre National de la Recherche Scientifique (CNRS) and of the Claude Bernard Lyon 1 University. In January 2019, the IPNL merged with the "Laboratoire des matériaux avancés" (LMA). The "Laboratoire des Matériaux Avancés" (LMA) was a CNRS Service and Research Unit (USR 3264), located on the La Doua campus nearby IPNL. Created in January 2004 as a "Unité Propre de Service" (UPS 2713), the LMA became a Service and Research Unit (USR 3264) of CNRS/IN2P3 on January 1, 2010. LMA is now attached to IPNL as a national platform and is part of the new UMR. On this occasion, in 2019, IPNL changed name and is now the "Institut de Physique des deux infinis" de Lyon (IP2I-L).

Management team

The IP2I unit is managed by a director, Ms Anne EALET, with her team composed of a deputy director, Mr Jacques MARTEAU, a technical director (not yet known), an administrative director, Ms Martine VERDENELLI, and the director of the LMA platform, Mr Laurent PINARD.

The IPNL management changed in September 2018. The previous director was Mr Guy CHANFRAY.

HCÉRES NOMENCLATURE

ST2 - Physique.

THEMATICS

The unit is involved in most domains of subatomic physics, namely, particle physics of the Standard Model and beyond, astro-particles and cosmology, nuclear structure and quark-gluon plasma, interdisciplinary physics and chemistry related to health and nuclear energy applications. In addition, a theory group is conducting research in all these fields together with more formal developments and close connections with the other groups. The scientific activities are structured in four themes following the missions of their scientific policy. Each thematic area is organized in teams (ten teams) which are participating to technical and scientific projects. The four themes are: The infinitely small (particles, hadronic and nuclear physics), the infinitely large (neutrino, astroparticles and cosmology, Theory, Interdisciplinary and societal activities (nuclear energy, health, and molecular-matter)

UNIT WORKFORCE

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Institut de Physique des deux Infinis de Lyon (IP2I Lyon)			
Active staff	Number 06/30/2019	Number 01/01/2021	
Full professors and similar positions	20	20	
Assistant professors and similar positions	22	22	
Full time research directors (Directeurs de recherche) and similar positions	11	11	
Full time research associates (Chargés de recherche) and similar positions	21	20	
Other scientists ("Conservateurs, cadres scientifiques des EPIC, fondations, industries, etc.")	0	0	
High school teachers	0	0	
Supporting personnel (ITAs, BIATSSs and others, notably of EPICs)	91	99	
Permanent staff	165	172	
Non-permanent professors and associate professors, including emeritus	8	NA	
Non-permanent full time scientists, including emeritus, post-docs (except PhD students)	21	NA	
PhD Students	43	NA	
Non-permanent supporting personnel	10	NA	
Non-permanent staff	82	NA	
Total	247	172	

GLOBAL ASSESSMENT OF THE UNIT

IP2I is a unit with a rich scientific program, well positioned with respect to the international priorities of the field, and whose scientific output is globally of high quality; interdisciplinarity is well developed, which is a complementary asset. It benefits from solid technical services with recognized expertise, allowing it to make significant contributions to several large-scale international projects. The presence of the LMA, an internationally recognized technological platform, is a very positive evolution for the IP2I.

The links of the unit with the local context, and in particular with the UCBL University and the Idex being launched, are strong, thanks to the important investment of the teaching staff in the various training courses.

The IP2I is globally attractive to students (apprentices, trainees, PhD students, and post-docs).

The committee has observed that many teams will be understaffed in the future, mainly due to foreseen retirements, which leads it to recommend that priorities should be considered in order for the unit to be able to meet its important commitments.

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