

Le vice-président du Conseil régional de Bretagne Besprezidant Kuzul-rannvro Breizh

Personne chargée du dossier : Annie AUDIC

Fonction: Directrice de projets « Continuum formation,

recherche, innovation » Tél.: 02 99 27 96 51

Courriel: annie.audic@bretagne.bzh

Objet: The excellence of the Centre Henri Lebesgue

M. Centre Henri Lebesgue Université de Rennes 1 CS 74205 35042 RENNES CEDEX

le

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The Brittany region is one of the most active French regions in research and innovation. It is committed to strengthening research and higher education, thus facilitating the emergence of a knowledge-based economy. The importance of mathematics in the most innovative sectors makes Labex "Lebesgue" a major asset of the Brittany region.

The excellence of the Centre Henri Lebesgue (CHL) is attested by the international classifications (IRMAR being one of the 75 top laboratories in Shangai ranking) and by the numerous recognitions obtained by its members. Each year, the Henri Lebesgue centre organises a thematic semester bringing together 600 researchers, more than half of whom are international. These major events have helped to build a remarkable international visibility of Breton universities in mathematics. The launch of Annales Henri Lebesgue is also important for this visibility and is in line with the region's desire to promote openaccess scientific journals. The region supports ambitious research projects of the CHL by co-financing one or two post-doctoral fellowships each year for young international researchers (SAD programme). The attractiveness of the Brittany region for researchers in mathematics is strongly reinforced as evidenced by the arrival of 7 new CNRS and 5 new INRIA researchers at IRMAR (including 2 foreigners) since 2012.

From the point of view of training, the CHL has been able to create strong synergies between the Masters in mathematics in Brittany and the Pays de Loire and surround them with a network of scientific events for students. This attracts high level students and gives them a training of very high quality. The applied pathways of this Master are integrated into the local economic fabric as shown by the excellent professional integration rate of the students. This is particularly true in cryptography and cyber-security, fields in which Brittany is at the forefront of innovation. The region supports the training of new doctors at the Henri Lebesgue centre through its co-financing programme for PhD grants and for doctoral portion

Higher education's relations with the industrial fabric are at the heart of the Brittany region's policy. The Lebesgue Agency is thus perfectly in line with the region's objectives. It allows local industries to become aware of what mathematics can bring them, and to establish contacts with them to solve the problems they face through collaboration or training à la carte. The Bretagne region will consider the possibility to fund a marketting study to reinforce the contacts network of the Lebesgue agency and stengthen its impact.

The actions of the Centre Henri Lebesgue towards the general public and secondary school students are in phase with the actions of the region to promote the orientation of students in coherence with the evolution of economic sectors.

This is why the Brittany region strongly supports the Labex Lebesgue renewal request, and will continue to support its activities through the mechanisms it has put in place (thesis grants, post-doctoral fellowships, mobility, support for scientific conferences).

Le Vice-président à l'enseignement supérieur, recherche et transition numérique

Bernard POULIQUEN

CONSEIL RÉGIONAL DE BRETAGNE

283 avenue du Général Patton – CS 21101 – 35711 Rennes cedex 7 Tél.: 02 99 27 10 10 | 📝 twitter.com/regionbretagne

www.bretagne.bzh

KUZUL-RANNVRO BREIZH

283 bali ar Jeneral Patton – CS 21101 – 35711 Roazhon cedex 7 Pgz: 02 99 27 10 10 | 🔰 twitter.com/regionbretagne

www.breizh.bzh