



ÉCOLE DES MINES DE NANTES

Nantes le 18 novembre 2010

Le Directeur

à

Monsieur le Président
PRES université Nantes Angers Le Mans
19 bis rue la noué bras de fer
44200 Nantes

Objet : soutien pour le Labex ARIMMAC des investissements d'avenir

L'Ecole des Mines de Nantes est pleinement engagée, au travers de son plan stratégique, dans le développement de recherches et de formations dans le domaine des STIC, de la productique, de la logistique. Elle est membre de consortiums nationaux et internationaux, qui visent à développer des recherches et des formations dans ces domaines.

Le projet de Labex ARIMMAC répond parfaitement à la stratégie et la politique conduite par l'Ecole des Mines de Nantes.

Compte tenu de l'excellence scientifique du projet, sa pertinence dans la politique de site et l'assurance d'une gouvernance adaptée, l'Ecole des Mines de Nantes soutient ce projet. En cas de succès, elle s'engage à maintenir ses ressources sur le périmètre du projet de Labex et à entamer des discussions avec ses partenaires pour décider de sa contribution en termes de ressources.

Stéphane CASSEREAU

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MEMBRE DU GROUPE DES ÉCOLES DES MINES (GEM)



ÉCOLE DES MINES DE NANTES

Strategy of supervising institution

The Ecole des Mines de Nantes, established in 1991, is a public administrative institution, under the administration of the Ministry of Industry. Its attachment to the ministry of industry and to the Mines-Telecom has forged its identity built around its close connections with the corporate world.

It is a multi-disciplinary engineering school, focusing on two main fields :

- Computer science, information systems, production systems ;
- Energy, environment, nuclear.

It has five research laboratories all of which are recognized and accredited by the CNRS and they have all an excellent rating in the AERES evaluation. The school offers a range of programs : co-accredited PhD and Masters in accordance with a common site policy, a Master's level engineering program as well as international masters in the fields of expertise of each research department. The school has more than a sixty partnerships with institutions abroad. It has about 1000 students selected after strong competition, about 30 % are abroad.

Among the options/masters directly concerned by the Labex, the following can be mentioned :

- Control Engineering and Industrial Information Technology (All)
- Computer Science for Decision Support (GIPAD)
- Quality and Reliability: QSF
- Operation Management in Production and Logistics (GOPL)

In addition, several international masters also cover certain specific subject areas:

- Management of Logistic and Production Systems (MLPS)
- Automatic

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As a member of several doctoral schools, the School offers modules open to doctoral students from the eight regional doctoral schools

It has a cross-disciplinary department dedicated to the social sciences, which enables the school to extend its range of expertise in education and research to human and societal effects.

The Department of Automatic and Productic focuses on the following topics :

- Logistic and Production System
- Robotic and bio-robotic, human machine interaction
- Control and Command : robust analysis and control dynamic

This research is also turned to theorical and experimental aspects.

The Ecole des Mines de Nantes is also a member of the following entities :

- PRES UNAM (University of Nantes, Angers, Le Mans: LUNAM);
- Doctoral School STIM
- Institute Carnot Mines

The school believes strongly in the development of strong ties with its economic and social environment. The creation of industrial research chair is a concrete illustration of this commitment and aims to develop distinctive competencies related to a particular economic sector. To date two chairs have been set up.

The EMN has had close links with the corporate world for many years.

Socio-economic partners include :

- Research clusters : EMC2 (Ensemble Métallurgiques et Composites Complexes), ID4Car (innovation in new concept car) and others nationals networks..
- Companies and groups who have recently provided research funding : Airbus, Daher,

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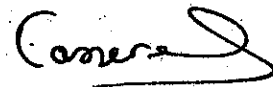
EMN strongly support the creation of this Labex in the fields of manufacturing, mechanics and cybernetics which are important for her developpement. Her participation in this project reaffirms its role as a principal scientific partner.

Consequently, it will accompany the development of the Labex ARIMMAC in agreement with its others partners of LUNAM. It confirms her contribution to the development of theses thematics. It will facilitate the development of new research and training programs in the scientific disciplines concerned by the Labex in the way of better attractivity for students and reseach.

Nantes, November, 18, 2010

Stéphane CASSEREAU

Director of Ecole des Mines of Nantes

A handwritten signature in black ink, appearing to read 'Cassereau', with a stylized flourish at the end.