

Paris, 22 January 2019
Press Release

> Renewal of the Cyber CNI Chair: Partners Signed on 22 January at FIC 2019 in Lille

After three years of operation, the Cybersecurity of Critical Infrastructure Chair (Cyber CNI) is being renewed for three more years thanks to the commitment of its academic and industrial partners. The IMT Chair, led by IMT Atlantique (through research teams from the STICC laboratory, UMR CNRS 6285), benefits from partnerships with Télécom ParisTech and Télécom SudParis schools (through research teams from laboratories LTCl and SAMOVAR, UMR CNRS 5157) and support from the Brittany region—a region at the forefront of cutting-edge technology—within the framework of the Cyber Center of Excellence.

In the context of a sponsor partnership led by Fondation Mines-Télécom, five industrial partners have committed to this new period: AIRBUS, AMOSSYS, BNP Paribas, EDF and Nokia Bell Labs. The official signing to renew the Chair took place at FIC (Forum International de la Cybersécurité) in Lille on 22 January 2019 at 2pm.



The Cyber CNI Chair was founded in January 2016. Since then, it has led research and contributed to training in its area of expertise: the cybersecurity of critical infrastructures (energy networks, digital infrastructures, industrial processes, water production factories, financial systems, etc.). This recent scientific discipline is rapidly becoming an unavoidable topic for many companies and organizations. The Chair's first phase made significant headway in improving the security and resilience of infrastructures, particularly in detecting malicious behavior using automatic learning techniques, 3D visualization of security events and the diagnosis of accidental or malicious causes of security incidents.

While the main theme remains the cybersecurity of critical infrastructures, in its second phase, the Cyber CNI Chair will expand its field of expertise and research: reinforcing efforts aimed at applying artificial intelligence (AI) in the area of cybersecurity, sharing and pooling information on threats (Threat Intelligence), industrial applications of connected objects (Industrial IoT) and the blockchain are all included in the Chair's new research topics.

New theses will contribute to these objectives, in addition to those already underway. At the same time, phase 2 of the Cyber CNI Chair will increase communication efforts and promotion events to highlight the work achieved.

"The Cyber CNI Chair, led by IMT Atlantique, is historically one of the first to have addressed cybersecurity with such a high level of skills and innovation in the complex area of critical infrastructures. The remarkable work carried out in recent years will continue in the second phase of the process through the renewed commitment of all the academic and industrial partners, sponsors, students and PhD students on new vital topics. The Chair's renewal is therefore critically important and is justified by new lines of research, growing challenges and the major expectations of

contributors, whose needs are increasingly acute,” says Serge Maurice, Airbus & Chairman of the Cyber CNI Chair Steering Committee.

For more information: <http://www.chairecyber-cni.org>

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About IMT www.imt.fr

Institut Mines-Télécom is a public institution dedicated to higher education, research and innovation in engineering and digital technology. Always attentive to the economic world, IMT combines academic and scientific legitimacy with strong corporate relationships and a unique focus on the key transformations in digital technology, industry, energy and education in the 21st century. Its activities are conducted in Mines and Télécom graduate schools under the authority of the Ministry of Industry and electronic communications, in a subsidiary school, and in associate schools or institutions under contractual agreements. IMT is a founding member of the Alliance Industrie du Futur. It has two Carnot Institute accreditations for its high-quality research partnerships. Every year, around 100 start-ups come out of its incubators.

About IMT Atlantique www.imt-atlantique.fr

IMT Atlantique is an elite engineering graduate school (among the top 400 universities in THE World University Ranking 2019, number 3 for engineering schools in France), internationally recognized for its research (listed in 4 subjects in the Shanghai ranking). It is part of Institut Mines-Télécom, under the aegis of the Ministry of industry and the Digital Sector.

IMT Atlantique has 3 campuses in Brest, Nantes and Rennes, an incubator on the 3 campuses and a site in Toulouse. The school combines digital technology, energy and environmental issues to transform society and industry through training, research and innovation. It aspires to be internationally recognized as the French higher education and research institution of reference in its field.

Since September 2018, IMT Atlantique offers a new training program for general engineers. Students are admitted based on the Mines-Ponts competitive exam. The school also grants two engineering degrees through apprenticeship programs, Master's degrees, specialized Master's degrees and PhDs.

The training offered at IMT Atlantique is based on cutting-edge research from the 6 joint research centers (with CNRS, INRIA, INSERM, universities and engineering schools) it supervises: GEPEA, IRISA, LATIM, LABSTICC, LS2N and SUBATECH. The school benefits from excellence in research in its key areas (energy and digital technology, cybersecurity, environment and digital technology, industry of the future, nuclear energy, health and digital technology, risks and interactions) and combines scientific fields to meet tomorrow's challenges: transitions in digital technology, environment, industry and energy, healthcare of the future and fundamental research.

The school is a member of the Carnot M.I.N.E.S Institute (Innovative Methods for Business and Society), the TSN (Telecommunications and Digital Society) Carnot Institute and is a founding member of the Community of Universities and Institutions, University of Bretagne Loire.

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