

HIGHLIGHTS

KEY EVENTS

2016 data



ACCLAIMED RESEARCH

IMT - A MAJOR PLAYER IN FRENCHTECH

In January, 18 'made-in-IMT' start-ups took part in the FrenchTech delegation at the Consumer Electronics Show (CES) in Las Vegas. IMT's participation in this global event underscores the commitment of its graduate schools' to entrepreneurship and innovation, in terms of both engineering programs and support for start-ups.

JANUARY

WHITE PAPER: THE CHALLENGES OF DIGITAL TRANSFORMATION

Companies of the Future – The Challenges of Digital Transformation is a collective work involving nearly 15 researchers from IMT to examine the implications of this major transformation.

DECEMBER

M.I.N.E.S AND TELECOM & SOCIÉTÉ NUMÉRIQUE CARNOT INSTITUTES ONCE AGAIN AWARDED LABELS

The two Carnot Institutes affiliated with IMT —M.I.N.E.S and Télécom & Société numérique —both of which have been awarded the Carnot label since 2006, have once again been granted this accreditation attesting to the quality of the partnership-based research conducted in the schools.

JULY

4 ERC CONSOLIDATOR GRANTS FOR IMT

The European Research Council has distinguished four IMT researchers through the 2016 edition of its ERC Consolidator Grant call for proposals, which rewards researchers of excellence with between 7 and 12 years of experience since completing their PhD:

- ▼ Francesco Andriulli of Télécom Bretagne
- ▼ Yanlei Diao of Télécom ParisTech/ Polytechnique/Inria
- ▼ Petros Elia of Eurecom
- ▼ Roisin Owens of Mines Saint-Étienne

DECEMBER

TECHNOLOGY TRANSFER

In March and November, two IMT Technology Days were held in Paris and Nancy. The first was dedicated to the industry of the future in general while the second focused on Big Data for industrial optimization. At each event 19 mature, transferable technologies developed by the laboratories of IMT and its partners were presented to local businesses, particularly SMEs and midcaps.

MARCH

NOVEMBER

EUROPEAN RECOGNITION FOR TERALAB

The TeraLab Big Data service platform, which was developed through the "Investissements d'avenir" (Investments for the Future) program and supported by IMT and GENES (Groupe des Écoles Nationales d'Économie et Statistique - National Economics and Statistics Schools Grouping), was awarded the "Silver I Space" label by the Big Data Value Association (BDVA) at its summit held on December 1, 2016. The criteria for this label are based on infrastructure excellence, quality of services, projects and sectors involved as well as impact on the ecosystem and business models.

DECEMBER

LAUNCH OF THE "CYBERSECURITY FOR CRITICAL INFRASTRUCTURE" CHAIR

IMT has created a "Cybersecurity for critical infrastructure" chair to contribute to the international development of research activities and training opportunities in a domain that has become a national priority. It is supported by Télécom Bretagne in collaboration with Télécom ParisTech and Télécom SudParis, along with seven industry partners and the Brittany region as part of the Center of Cyber Excellence.

JANUARY



FRESH IMPETUS FOR IMT

NEW NAMES, NEW LOGOS

Against a backdrop of intense national and international competition, Institut Mines-Télécom and its schools decided to take an important step by adopting a new brand identity in the form of the IMT brand name. The new names and logos which represent the institution were unveiled in September 2016 and were rolled out on January 1, 2017 by IMT and the first schools formed from mergers, namely Mines Nantes-Télécom Bretagne and Mines Douai-Télécom Lille.

SEPTEMBER

THE CHANGING FACE OF INSTITUT MINES-TÉLÉCOM

Four years after the first law creating Institut Mines-Télécom, a new decree has expanded IMT's scope, allowing for a better expression of its identity and the common strategy of its graduate schools under the administrative supervision of the Ministries for the Economy and for Finance. Five Mines schools and one Télécom subsidiary school have become internalized schools of EPSCP Mines-Télécom, and two Mines-Télécom schools have been created through mergers. Mines Nantes and Télécom Bretagne have thus become IMT Atlantique Bretagne – Pays de la Loire while Mines Douai and Télécom Lille have become IMT Lille Douai.

NOVEMBER

A GLOBAL INSTITUTION

IMT AND THE ERASMUS+ CHARTER

IMT's international strategy was presented to the European Commission, which issued the Erasmus+ charter for the maximum duration (until 2020). Under this charter IMT has committed to organizing key actions fostering individual mobility for training purposes and to developing cooperation to promote the exchange of innovation and good practice.

FUNDING STUDENT MOBILITY WITH VIETNAM

The €400,000 obtained by IMT from the Erasmus+ project will allow more than 30 Vietnamese students to come study at our graduate schools. The project will also fund mobility for IMT staff and post-doctoral students in order to strengthen ties and foster cooperation.

JULY

CREATING A NETWORK OF EXCELLENCE WITH BRAZIL

A network of excellence has been set up between IMT and Brazil in the field of health engineering. It brings together several Brazilian institutional partners and IMT schools to work on a joint scientific program.

DECEMBER



EDUCATIONAL METHODS FOR TOMORROW

SECOND EDITION OF THE MINES-TÉLÉCOM MIX INDUSTRY CHALLENGE

The second edition of the Mines-Télécom challenge was held from July 1 to 3, 2016 on the Brest campus of Télécom Bretagne. This year the hackathon brought together approximately fifty students from the ten IMT institutions for a competition focusing on creativity and development.

JULY

JOINING FORCES TO RECRUIT FOR APPRENTICESHIPS

Six IMT institutions have joined forces to offer applicants to their work-training programs a common application platform through which they may select their program, send the required enrollment documents, complete paperwork and make payments entirely online. The platform is accessible from the website of each of the participating institutions as well as from a web portal (www.alternance.imt.fr) presenting all the work-training programs offered through IMT institutions.

APRIL

ANTICIPATING EDUCATIONAL TRANSFORMATIONS

In October, IMT brought together more than 75 research professors, academic advisors, library managers, course directors and students from all of its graduate schools in order to reflect on the emergence of new educational practices: new learners, new needs, the importance of digital technology etc. Faced with the accelerating pace of these changes, the two-day seminar aimed to provide new impetus, coordinate existing initiatives, highlight the institutions' actions in this field and ensure their appropriate visibility.

OCTOBER

A SUCCESSFUL YEAR FOR MOOCS

INNOVATIVE TECHNOLOGY AND PROGRAMS

IMT created ten new MOOCs in 2016. A total of 200,866 enrollments were recorded for all of its online courses available on various platforms. By creating two programs grouping several MOOCs together by subject area, IMT offers complete online training programs. One such program focuses on FabLab technology, along with MOOCs devoted to digital manufacturing, as well as to C language. 2016 also provided an occasion to broadcast a MOOC dedicated to one of IMT's strategic focuses, digital transition — "Understanding the collaborative economy," created in partnership with MAIF — as well as to present the basics of new technologies with "Getting Started with Augmented Reality." This MOOC, created with support from the Patrick and Lina Drahi Foundation, is devoted entirely to developing mobile applications which incorporate augmented reality technology and is broadcast in English on Coursera.

A MINISTER, A CEO AND IMT STUDENTS INTERACT VIA MULTIPLEX BROADCAST

Students from IMT schools were brought together for the first time via multiplex broadcast for a discussion with Emmanuel Macron, Minister of the Economy, Industry and Digital Affairs and John Chambers, Executive Chairman of Cisco. Students had the opportunity to ask questions about the economic attractiveness of France, higher education and the challenges of digital transformation, innovation and entrepreneurship.

APRIL

IMT PARTNERS WITH WORLDWIDE EDX PLATFORM

IMT has partnered with edX, a platform created by Harvard and MIT which brings together more than 90 prestigious institutions. IMT's first online course broadcast in English on edX was "Digital Networks Essentials." IMT is now present on the leading international platforms, Coursera and edX, as well as FUN, the benchmark national platform.

JULY



18 IMT start-ups at the CES
Launch of the "Cybersecurity for critical infrastructures" chair

The graphic features a horizontal timeline with vertical lines separating the months from January to June. Three callout boxes, each a right-angled triangle, point to specific months: a light blue triangle for January, a medium blue triangle for April, and a dark blue triangle for March. A large light blue triangle is in the top right corner, and a dark blue triangle is in the bottom left corner.

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

Multiplex broadcast with students,
J. Chambers and E. Macron

IMT Technology Day:
"Industry of the future"

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

M.I.N.E.S and Télécom & Société numérique awarded Carnot labels

Second edition of Mines-Télécom Mix Industry Challenge

IMT partners with edX

Erasmus+ Agreement with Vietnam

New names and logos introduced

Seminar on educational transformations

IMT Technology Day: "Big Data"

Publication of new decree for Institut Mines-Télécom

4 ERC Consolidator Grants for IMT

European recognition for TeraLab

Publication of The Challenges of Digital Transformation

Creation of network of excellence with Brazil

Institut Mines-Télécom is a public institution devoted to higher education and research, at the crossroads of sciences and digital technology, engineering and management. It supports innovation and economic development through its elite graduate schools' expertise in digital, energy, industrial and educational transitions.

IMT Atlantique

IMT Lille Douai

Mines Albi-Carmaux

Mines Alès

Mines Saint-Étienne

Télécom École de Management

Télécom ParisTech

Télécom SudParis

Eurécom

Mines ParisTech

Mines Nancy

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