A higher education and research institute
Vietnam National University, Hanoi

INTERNATIONAL FRANCOPHONE INSTITUTE

LE MONDE DE LA

56 ÉTATS ET GOUVERNEMENTS MEMBRES DE L'OIF

Canada

Canada-
Québec

Canada-
Nouveau-
Brunswick

St-Pierre-
et-Miquelon (Fr.)

Maroc

Tunisie

Ég

Haïti

Guadeloupe (Fr.)
Martinique (Fr.)

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Ste-Lucie

Cap-Vert

Mauritanie

Mali

Niger

Tchad

Sénégal

Burkina
Faso

Bénin

Guinée-Bissau

Guinée

Côte
d'Ivoire

Togo

Rép.
centrafri

Ghana

Cameroun

Guinée équatoriale

São Tomé et Príncipe

Gabon

Rép.
dém
du
Cong

Congo

Guyane (Fr.)

OCÉAN
PACIFIQUE

OCÉAN
ATLANTIQUE

Polynésie
française (Fr.)

Moz

FRANCOPHONIE

14 OBSERVATEURS

Lettenie
Lituanie
Pologne
Belgique
Communauté
française de Belgique
Luxembourg
Rép. tchèque
Ukraine
Slovaquie
France
Autriche Hongrie
Moldavie
Suisse
Slovénie
Roumanie
Croatie
Monaco
Serbie
Bulgarie
Andorre
Ex-Rép. yougoslave
Albanie de Macédoine
Grèce
Chypre

Géorgie
Arménie
Liban
Égypte

Djibouti
caine
Rwanda
Burundi

OCÉAN
PACIFIQUE

Laos
Thaïlande   Vietnam
Cambodge

Seychelles
OCÉAN
INDIEN

Comores
Mayotte (Fr.)

Wallis-et-Futuna (Fr.)
Vanuatu

Madagascar
Maurice
Nouvelle-
Calédonie (Fr.)
mbique
Réunion (Fr.)

INNOVATION SANS FRONTIÈRES
(IFI official song)

Paroles et musique par Ngô Tự Lập

♩ = 85

In- no - vons au de -là des fron - ti - ères, Nous, ray - ons du
(In)- no - vons au de -là des fron - ti - ères Nous, oi - seaux chan -

so - leil le - vant. Ten - dons nos mains, nous som - mes soeurs et - frères Cha - cun à
tonsdansle ciel. Le jour de gloi - re au - des - sus de la terre Et les

tous ap - porte sa lu - mi - ère. In -
plus grands rêves au - coeur. Par - ta - geons les nuits pai - sibles

des é -toiles. Et les prin - temps fleur- ris de la terre In - no - vons en - sem ble

In - no - vons en - semble sans fron - ti - ères - Par - ta - geons l'a - de mour

la con - nais - sance, es - pé - rons des len - de - mains lu - mi - neux. In - no - vons en -

semble In - no - vons en - semble sans fron - ti - ères.

HISTORY

The International Francophone Institute (IFI) was created by the merger of the Institute of Francophonie for Informatics (IFI) and the French University Center in Hanoi (PUF Hanoi).

French and Vietnam agreed on the establishment of PUF Hanoi

Foundation of PUF

Integration of PUF Hanoi with IFI.

2004   **2006**   **2012**

1993   **1997**   **2010**   **2014**

Convention for the implementation of the Institute of Francophonie for Informatics project between Vietnam and AUF.

Creation of the IFI entirely financed by the AUF, notably for the formation of Master in Information Technology degree in French

The IFI was transferred to VNU

Institute of Francophonie for Informatics was renamed International Francophone Institute

MISSION

1. Developing programs in fundamental and applied research, technology transfer and application development in informatics, information and communication technology (ICT), and a focus on interdisciplinarity between information technology and social sciences.

2. Organizing Master's degree programs in ICT according to the agreement signed between Vietnam National University (VNU) and Francophonie University Association (AUF), as well as other training programs entrusted by the Director of VNU.

3. Serving as a focal point for the promotion and development of cooperation activities in research, training and technology transfer with partners in the Francophone community and other partners. Serving as a bridge to promote cooperation and exchanges between VNU and the Francophone community.

4. Offering consultancy and service delivery in the field of science and technology and related fields.

STRATEGIES

Vision

Becoming the focal point of Francophone community in Asia – Pacific: organizing and developing high quality international and interdisciplinary research and training activities.
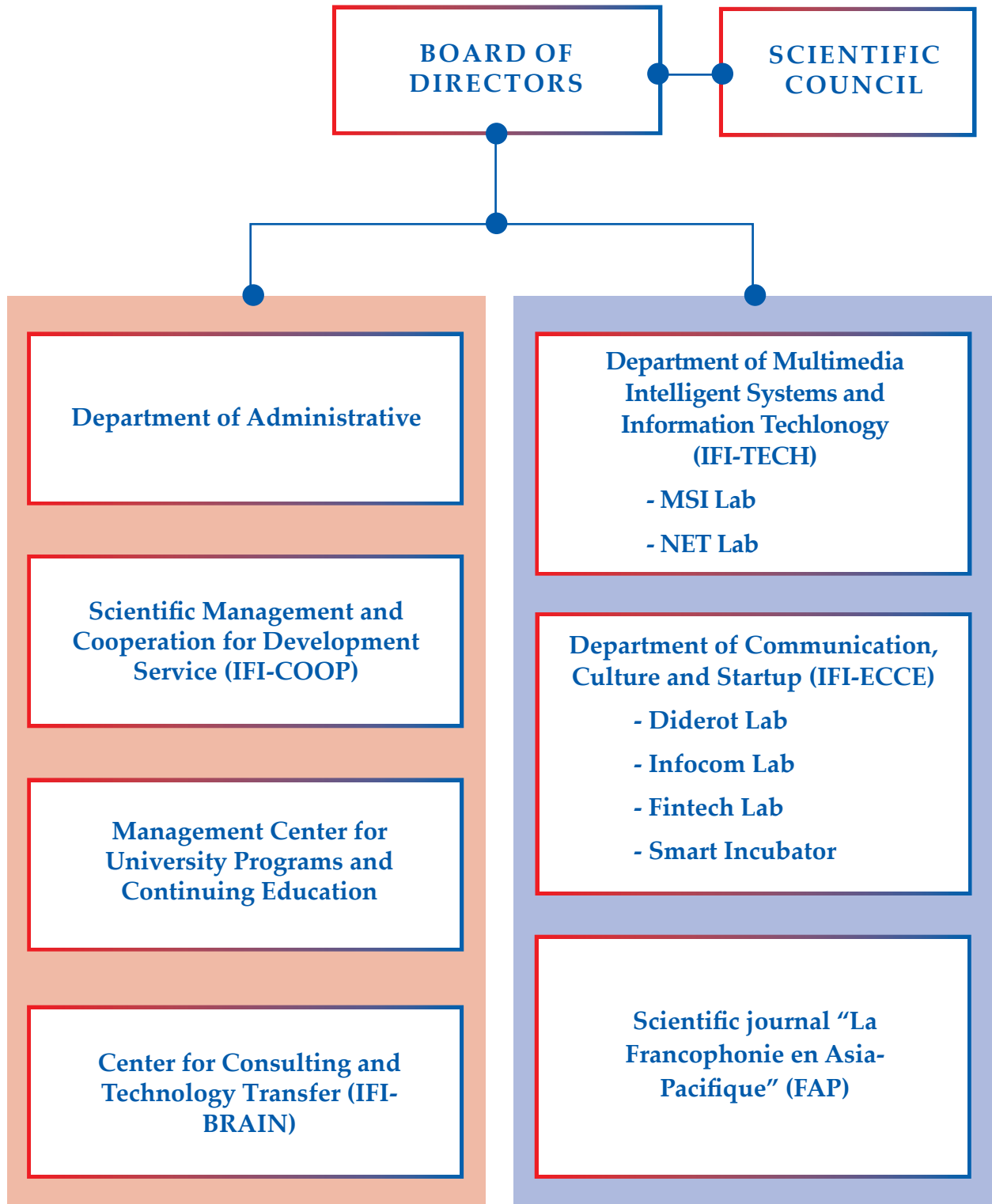
Developpement Model:
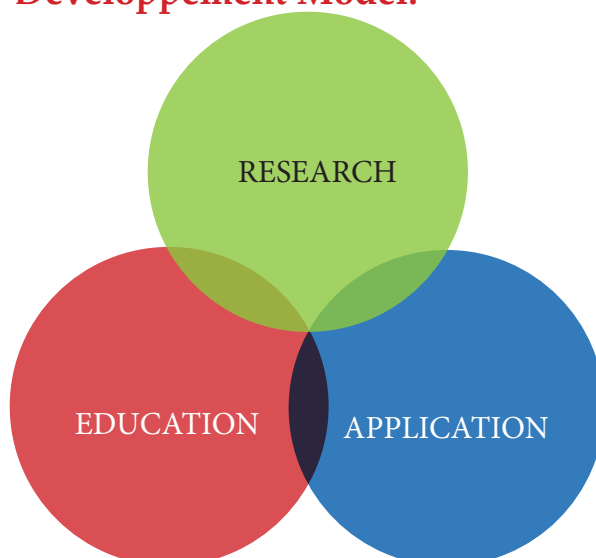
Strategies

1. Interdisciplinary and multidisciplinary development;

2. Closely associate training and scientific research;

3. Initiate collaboration and international cooperation;

4. Connect training, research and technology transfer to the market, through the implementation of application projects and the provision of services according to the demands of society.

ORGANIZATION

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                    ┌─────────────────┐    ┌─────────────────┐
                    │    BOARD OF     │────│    SCIENTIFIC   │
                    │   DIRECTORS     │    │     COUNCIL     │
                    └─────────────────┘    └─────────────────┘
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Department of Administrative

Scientific Management and Cooperation for Development Service (IFI-COOP)

Management Center for University Programs and Continuing Education

Center for Consulting and Technology Transfer (IFI-BRAIN)

Department of Multimedia Intelligent Systems and Information Techlonogy (IFI-TECH)

- MSI Lab

- NET Lab

Department of Communication, Culture and Startup (IFI-ECCE)

- Diderot Lab

- Infocom Lab

- Fintech Lab

- Smart Incubator

Scientific journal "La Francophonie en Asia-Pacifique" (FAP)

ACADEMICS

Master programs

1. Inernational Double Master Degree in Intelligent Multimedia System (by the Vietnam National University) and the digital content Technology (by La Rochelle University, France)

2. International Data Communication and Computer Networks. (by the Vietnam National University) and Systems, networks & virtual infrastructure (by the University Claude Bernard Lyon 1, France)

* Both programs are awarded the "International Training Program" by the Francophone University Association (AUF);

* Excellent domestic andinternational teachers;

* International learning environment with more than 90% of students coming from 20 countries;

* Nearly 500 IT graduates, half of whom pursue their further studies abroad;

* More than 100 graduates, after their doctoral studies abroad, currently work at universities, laboratories and big companies in Vietnam and in developed countries.

* Duration: 24 months

* Admission procedure includes Application Documents and Interview
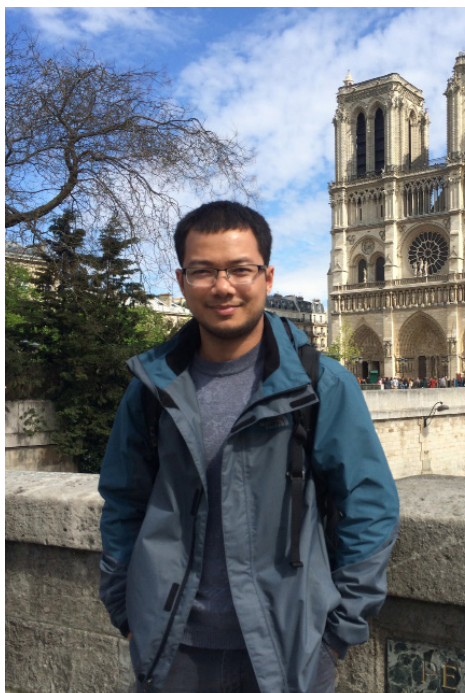
3. International Double Master Degree of Editors-Information and Communication:

* A French Master Degree issued by the University of Toulon is recognized internationally;

* Taught totally in France, top 3 best programs in France in information and communication (2017);

4. Master's degree in Banking, Finance, and Fintech

* A Double Master degree granted by the Normandy Business School

* One of the pioneer European programs within the context of the Industry Revolution 4.0

* The degree is issued by the French Ministry of Education and Scientific Research, and is recognized globally

* Over 50% of course duration is taught by internationally - trained teachers.

* Leading Vietnamese lecturers who possess much experience and are trained overseas

* The course lasts from 12 to 14 months with flexible entry.

Short-term educational programs

1. IT & Computer Sciences: Basic and advanced Information Technology (IT) training programs; National certificates of basic and advanced IT application according to standards set by the Ministry of Information and Communication, issued in Circular 03 / 2014 / TT-BTTTT dated March 11, 2014.

2. New Technologies: Training and consulting on the application of new technologies for businesses, organizations and other interested parties. Training programs related to Digital Transformation in Business, Blockchain, IoT Applications in Business, Virtual CTO, Big Data, Data Analytics, Research Design & Quantitative Data Analysis…

3. Training & support entrepreneurship: Training, consulting and supporting start-up and innovation for organizations and other interested parties. The program is aimed for training knowledge and entrepreneurship skills, advising and assisting in finding start-up partners and investments and supporting throughout the startup process etc.

4. Language and Culture: Training to improve foreign language ability (English, French, Vietnamese), understanding Vietnamese culture and French culture, training in digital media, new cinema and related studies for interested parties.

RESEARCH

Resources:

1. Department of Multimedia, Intelligent System and Information and Communication Technology (MSI):

- MSI Lab (Modeling Intelligent System)

- NET Lab (New and Emerging Technologies Laboratory)

2. Department of Communication, Culture and Startup:

- Interdisciplinary research laboratory (Diderot Lab)

- Fintech Laboratory

- Infocom Laboratory

- Incubator

Master programs

Many national and international projects and programs have been completed or are in progress within the IFIs. Each year, IFI publishes numerous research papers in world-renowned scientific journals, including those indexed ISI / SCOPUS.

The IFI's strengths in scientific research lie in its international dimension, its close links between research and training, and its interdisciplinary, based on information technology.

IFI research topics and research projects have been implemented in recent years:

- Study of the Post-graduate Education Market in Africa and Recommendations for Vietnam (2018) ;
- "Research on the establishment of an interdisciplinary digitization center for the preservation and exploitation of cultural heritage values in France" (2017);
- "Methodology and simulation tools applied to organize to rescue from fire in crowded locations" (2017);
- "Digitalization of architectural heritage - Hanoi Opera House" (2016);
- "Building the Francophone Community Magazine in Asia-Pacific "(2016);
- "An Agent-based Model for Simulation of Traffic Network Status: Applying for Hanoi City". (2016, SCIE indexed Journal);
- "A new approach to embedded software optimization based on reverse engineering(2015, SCI indexed Journal)

- "Combining Process Simulation and Agent Organizational Structure Evaluation in Order to Analyze Disaster Response Plans" (2015, ISI indexed Journal);
- "Mapping BPMN Processes to Organization Centered Multi-Agent Systems to Help Assess Crisis Models" (2015, Scopus indexed Journal).
- "Digital research for Indochina University 19 Le Thanh Tong - Department level (on going)
- "Research on IT students integration capacity for their careers" (on going)

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SCIENTIFIC JOURNAL

LA FRANCOPHONIE IN ASIA-PACIFIC (FAP)

This interdisciplinary research publication is published by the IFI in partnership with the Presses Universitaires de Provence of the University of Aix-Marseille in France. FAP has the function of publishing highly - qualified scientific articles relating to the Francophone Community in Asia-Pacific. FAP magazine is published twice a year, in March and September and is distributed worldwide in paper and electronic format.

Editorial Board:

Editor-in-chief: Ngô Tự Lập (Vietnam)
**Vice-editor-in-chief:** Tôn Thất Thanh Vân (France), Flicker Corinne (France)
Secretary: Trần Thị Quyên (Vietnam)
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FAP representative in Europe: Nguyễn Thị Hiệp

Main columns: Francophone space- Economy and Development – Social Science - Science and Technology – History - Art and Culture – ideology, Idées, Book Review , Heritage

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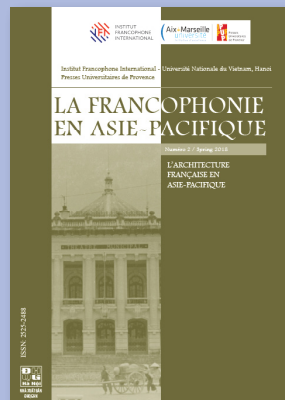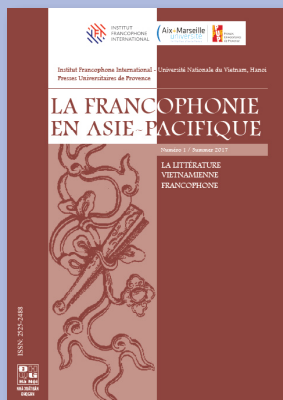
TECHNOLOGY TRANSFER

Sectors

- Application of artificial intelligence in production and marketing;

- Distance learning technologies (E-learning);

- Design and transfer of data (Big Data) for the interprises;

- Digitization of cultural heritage and brand building (Branding);

- Establishment of scientific and technological activities;

- Advice and assistance for the realization of scientific research projects.

Program of cultural heritages digitization

The application of new technologies provides optimal solutions to preserve, promote, develop and exploit cultural heritage for the development of education, tourism, industrialization and modernization of Vietnam.

* Using the most currently advanced scanning technologies such as 3D Scanning and 360 Virtual Tour;

* The most advanced professional image processing technologies to reproduce accurate images, high quality sounds and optimal colors;

* Integration of historical, cultural and social content in the scenes in a natural and lively way;

* Display of information in several languages, including Vietnamese, English and French;

* Multimedia integration (sound, image, video, Google Map, diagrams, compasses, etc.);

* Possibility of integration on Google Map via Street View technology.

Two major projects:
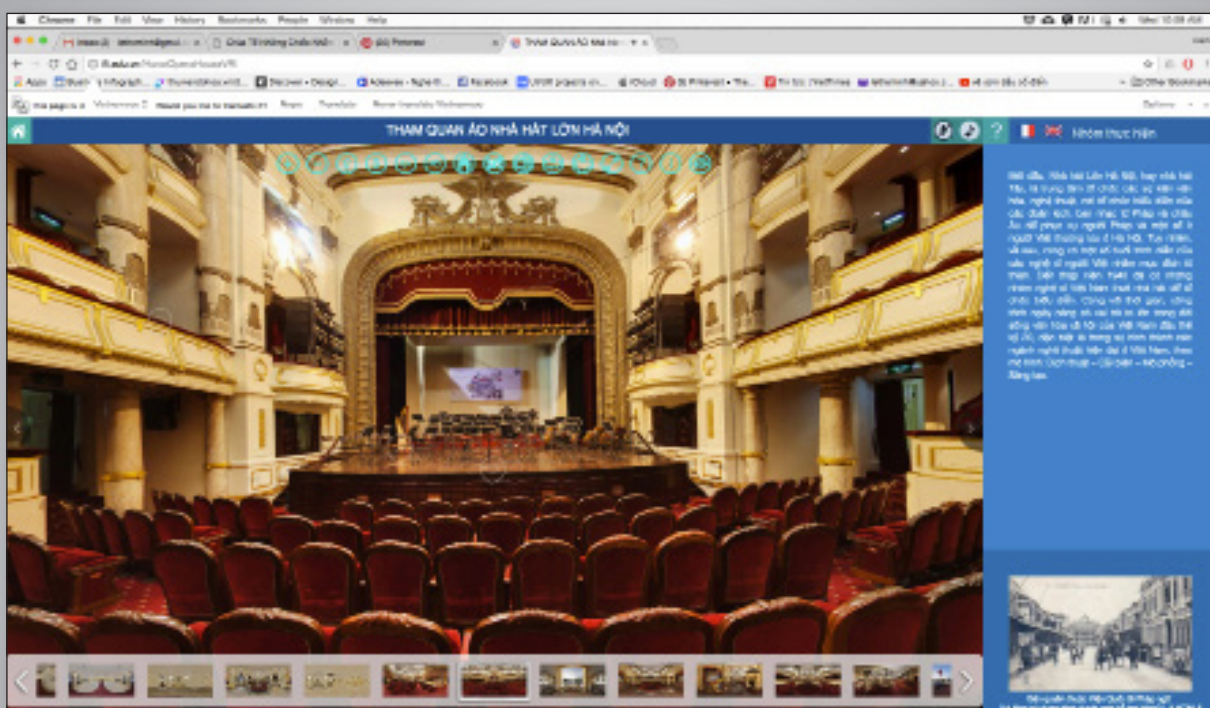
Virtual tour of Hanoi Opera House

Digitization of the French Faculty's premises - VNU Hanoi.

Brand Building Program (Branding)

A consultancy and branding service based on the culture, history, natural and social conditions specific to each region, sector or institution aiming to help them strengthen their position and reputation, and promote their image and values.

The strength of the IFI is its strong and extensive network of French and Francophone partners. Its academic and research programs have a good reputation, established over more than 20 years by cooperation with universities and organizations in several countries. This is a rare case of successful long-term cooperation in Vietnam and also the Francophonie.

IFI is continuing its efforts in this direction by setting up a triangular partnership model between Vietnam, Europe and South Africa in which IFI plays a role as a center for training, research and technology transfer. The institute is also developing cooperation projects with organizations from non-French speaking countries such as Japan and ASEAN.

INTERNATIONAL
FRANCOPHONE
INSTITUTE

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