RESEARCH
IN-LAB EMBEDDING, SEMINARS, SUMMER SCHOOL, WORKSHOPS, CONFERENCES

TRAINING
MASTER AND PHD PROGRAMS, EXCELLENCE SCHOLARSHIPS, PERSONALISED CURRICULUM, MENTORSHIP

INTERNATIONAL MOBILITY
MANDATORY, DOUBLE-DIPLOMA AGREEMENTS, EXCHANGE PROGRAMS

MINMACS GS
Graduate School in Mathematics and Computer Science, Normandy, France

An international research and training center in
Mathematics & **Computer Science**

Two majors: "**Mathematical informatics**" & "**Data Science**"

Flagship applications: health, mobility, green energy

MAJOR MATHEMATICAL INFORMATICS

ALGEBRA
ARITHMETICS AND NUMBER THEORY
PROBABILITY ANDS RANDOM STRUCTURES
DYNAMICAL SYSTEMS
AGORITHMICS AND COMBINATORICS
CRYPTOLOGY

MAJOR DATA SCIENCE

STATISTICAL DATA ANALYSIS
MACHINE LEARNING
ARTIFICIAL INTELLIGENCE IMAGING SCIENCES & COMPUTER VISION
MATHEMATICAL MODELING, PDES, OPTIMIZATION
NUMERICAL ANALYSIS & SCIENTIFIC COMPUTING

MULTISITE GRAD'SCHOOL

Caen, Rouen, Le Havre

UNIVERSITIES & GRANDES ÉCOLES

University of Caen Normandy
University of Rouen Normandy
University of Le Havre Normandy
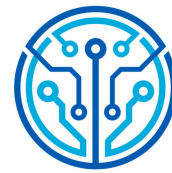INSA Rouen Normandy
ENSICAEN

Key numbers

RESEARCH

- 6 laboratories in maths and CS
- 1 doctoral school
- 400 faculty members
- Labs in Shanghai ranking
- Major prizes
- Internationally recognized expertise in digital sciences
- Artificial Intelligence chairs & fundings

TRAINING

- 250 Graduate Master students/year in our master programs
- 230 Grandes Ecoles graduate students/year
- 160 PhD students
- 40 PhD co-supervised abroad
- 46 PhD defended/y
- 20% of foreign students in Master's programs
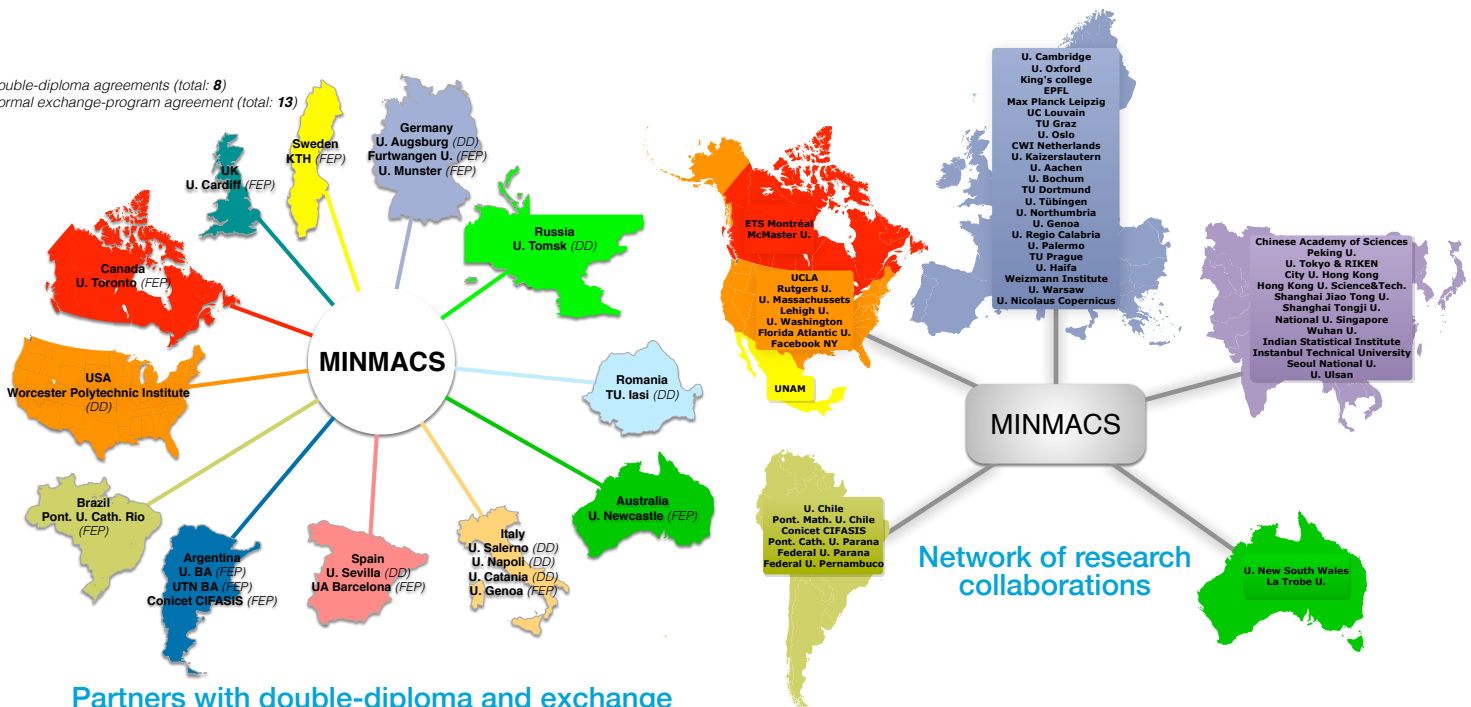- Unique training in digital security, data science and imaging

TECH TRANSFER

- 3 innovation clusters
- Normandy French Tech
- 1 HPC center: CRIANN
- 20 startups
- Innovation prizes and awards
- 32 patents
- 1 common lab with industry

International network

*DD: double-diploma agreements (total: **8**)*
*FEP: formal exchange-program agreement (total: **13**)*

Sweden
KTH *(FEP)*

UK
U. Cardiff *(FEP)*

Germany
U. Augsburg *(DD)*
Furtwangen U. *(FEP)*
U. Munster *(FEP)*

Russia
U. Tomsk *(DD)*

Canada
U. Toronto *(FEP)*

MINMACS

Romania
TU. Iasi *(DD)*

USA
Worcester Polytechnic Institute *(DD)*

Australia
U. Newcastle *(FEP)*

Brazil
Pont. U. Cath. Rio *(FEP)*

Argentina
U. BA *(FEP)*
UTN BA *(FEP)*
Conicet CIFASIS *(FEP)*

Spain
U. Sevilla *(DD)*
UA Barcelona *(FEP)*

Italy
U. Salerno *(DD)*
U. Napoli *(DD)*
U. Catania *(DD)*
U. Genoa *(FEP)*

Partners with double-diploma and exchange program commitments

ETS Montréal
McMaster U.

UCLA
Rutgers U.
U. Massachussets
Lehigh U.
U. Washington
Florida Atlantic U.
Facebook NY

UNAM

U. Cambridge
U. Oxford
King's college
EPFL
Max Planck Leipzig
UC Louvain
TU Graz
U. Oslo
CWI Netherlands
U. Kaizerslautern
U. Aachen
U. Bochum
TU Dortmund
U. Tübingen
U. Northumbria
U. Genoa
U. Regio Calabria
U. Palermo
TU Prague
U. Haifa
Weizmann Institute
U. Warsaw
U. Nicolaus Copernicus

Chinese Academy of Sciences
Peking U.
U. Tokyo & RIKEN
City U. Hong Kong
Hong Kong U. Science&Tech.
Shanghai Jiao Tong U.
Shanghai Tongji U.
National U. Singapore
Wuhan U.
Indian Statistical Institute
Instanbul Technical University
Seoul National U.
U. Ulsan

MINMACS

U. Chile
Pont. Math. U. Chile
Conicet CIFASIS
Pont. Cath. U. Parana
Federal U. Parana
Federal U. Pernambuco

Network of research collaborations

U. New South Wales
La Trobe U.

CONTACT AND APPLICATIONS:

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