Research Themes

The research conducted at IMT Atlantique links fundamental research with the development of solutions and technologies for industry and society in the areas of environmental, energy, digital, industrial and health transitions.

IMT Atlantique is developing active collaborations with numerous socio-economic players (large groups, SMEs, SMIs) as well as with regional development players (Bretagne and Pays de la Loire, IRT B<>COM, Jules Verne, and competitiveness clusters).

The fields of application covered by the research conducted at IMT Atlantique are

- Industry of the future
- Energy
- Environment
- Sea
- Health and Independence at home
- Security and safety of systems
- Defence
- Transportation of the Future
- Telecoms
- Cities and Territories

Digital transition

Digital transition

Environmental transition

Environmental transition
Industrial transition

Industrial transition

Energy transition

Energy transition

Health of the future

Health of the future

Fundamental research transition
Fundamental research transition

Publications, Open Science and ETHICS

IMT Atlantique, is committed to making research accessible to all and is part of the Open Science movement.

Among all the publication, discover the books of our researchers!

The school also has a Learning center, teaching center, learning lab (CARAE) with a library of 40,000 books, 60 subscriptions to paper journals and numerous online databases and scientific journals.

Also concerned with respecting internationally recognized ethical principles in research involving human beings, IMT Atlantique encourages researchers to seek the advice of the CICPPR.

CICPPR
The purpose of the Institutional Advisory Board for the Protection of Human Subjects in Research at IMT Atlantique (in French, CICPPR) is to ensure that the projects submitted comply with internationally recognized ethical principles for research involving human subjects.

The committee issues an advisory opinion and does not deal with issues regarding animals or legal entities and is not intended to assess the compliance of your project with the GDPR regulations. It aims to protect human beings participating in research - outside the regulatory framework of biomedical research - as well as the public dissemination of the data resulting from such research.

CICPPR opinions are based on the following: an ethical examination of the research objectives; the methods used, particularly with respect to how subjects are recruited; the methods of information, participation and acquisition of participant consent. The committee also examines the confidentiality and protection of personal data, as well as the consideration given to the possible consequences of the research on participants.

The committee is consulted at the request of a research professor, researcher or staff member attached to an IMT Atlantique research unit or to an institution that has signed an agreement with IMT Atlantique.

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