



Lightning key datas

+ 1 Md US\$ insurance claims due to lightning in 2021 in the USA

+ 1°C Global Warming = 5% more thunderstorms worldwide

+800% increase of lightning activity in Artic in 2021

Become a lightning expert thanks to the Liri technical training programs.

Training programs

Who is the course for ?

- Engineers willing to be acquainted with lightning protection systems design and installation specifications
- Familiarize construction industry key players to lightning protection challenges and requirements

What will you achieve :

- Understand the lightning phenomenology
- Assess the effects of lightning
- Design Direct Lightning Protection Systems
- Engineer Indirect Lightning Protection Systems
- Learn Standard compliance
- Review installation provisions and guidelines

Based on these tracks, learners are prepared to pass the Qualifoudre N1 and N2 certification delivered by INERIS.

Duration:

2 days for N1 session - 2 days for N2 session



Our Experts

All our instructors are lightning experts, regularly attending international Conferences on lightning physics and associated with scientific publications. They are cooperating with National Standard Committees to share their expertise and contribute to the writing of future standards and guidelines.

These scientists work with dedicated laboratories and research centers. They are mastering both the theoretical approach of the lightning phenomenon and the practical requirements for installation of protection systems compliant to the latest standards and technical requirements.

Our experts animate tracks in French and English, in France in dedicated LiRi classrooms or abroad.

Le LIRI

The Lightning Innovation and Research Institute is a unique center 100% dedicated to innovation. It combines undisputed research capabilities with its 1.6 million Volts High Voltage Lab and internal and external training capabilities on lightning protection management and safety equipment installation.

2018 : LiRi center construction in Douai – France

The Lightning Innovation and Research Institute is an non-profit organization funded by le most established French lightning protection firms : Lightning rods manufacturers (Franklin France, Indelec, Duval Messien, ProtecFoudre...), lightning protection systems contractors and Engineering companies (RG Consultants, BCM, ...).

More than 30 training courses delivered yearly

Registered under N° 32591014259 by the Prefecture de Région Hauts de France.
Complies to Qualiopi quality guidelines.

LiRi
Campus

Contact Us

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LiRi

**Lightning Innovation
& Research Institute**