



Jicable23 - 11th International Conference on Insulated Power Cables

CALL FOR PAPERS

Lyon Palais des Congrès– France 18-22 June, 2023

Dead lines for your submissions

Abstracts: November 2022, 15 - **Full Texts:** April 2023, 15 – www.jicable23.fr

Abstract acceptance: January 2023

Organized by :

- SEE
- CIGRE
- AGP 21
- SYCABEL
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Committees

- **Steering Committee**
Chairman: Laurent TARDIF, Association Jicable, France
- **Organization Committee**
Chairman: Gérard LENCOT, Association Jicable, France
Secretary: Naïma CALDERARI, Prysmiangroup
- **International Scientific and Technical Committee**
Chairman: Roland ZHANG, TENNET, Germany
Secretary: Lluís-Ramon SALES CASALS, Prysmiangroup, Spain assisted by Pierre MIREBEAU, Jicable, France

Objectives:

What is Jicable'23?



“Jicable is the international forum dedicated to electrical cables, for the exchange of technical information in the fields of industrial research and development, installation, operation and diagnostics, from low voltage to ultra-high voltage cables including special cables and their accessories.

During the last 40 years Jicable has given a significant contribution in the field of energy cable technology”.

Laurent Tardif, Chairman of the Steering Committee



« The insulated power cable plays an essential role for the energy transition and for future energy supply systems. Jicable conference joins stakeholders of cables together, e.g. cable industries, utilities, universities/institutions, testing labs etc. And Jicable conference provides the best international platform to inspire young and also experienced professionals to exchange technical/scientific knowledge, innovation and practical skills in the field of cable engineering”.

Roland Zhang, Chairman of the International Scientific and Technical Committee

Why is Jicable'23 important?

Insulated power cables are increasingly used in electrical power and transmission and distribution networks. This is due to the permanent and significant progress achieved in the development of new technologies with higher performances and motivated by increasing environmental pressure. Insulated cables are recognised as a reliable means for transmission and distribution of electrical energy.

Jicable'23 will allow in-depth analysis of the State-of-the-Art and future perspectives: new materials, evolution on technologies, improvement in manufacturing process, maintenance policies and remaining life estimation, standardization, field of record, better knowledge of dielectric phenomena, thermal and thermo-mechanical behaviour, digital simulation, testing methods, diagnosis, new innovative solutions for high power transmission, new applications at different levels of voltages, ...

Who will be taking part in Jicable'23?

As for the 10 earlier Jicable conferences held between 1984 and 2019, **Jicable'23** will prove very useful to the following segments of the cable industry: researchers, engineers, decision-makers, raw materials suppliers, manufacturers, consultants, installers and final users

Official language:

The official language at **Jicable'23** will be English

Topics to be discussed during the conference include:

- New materials for AC and DC cable systems
- Ageing, remaining life estimation
- Diagnosis, testing methods, monitoring, standardization
- LV, MV, HV and UHV cables and accessories design and applications
- Land and submarine HVDC and HVAC cable systems (existing and future main projects)
- Laying and installation, maintenance, fault location, repair methods
- Life cycle and environmental impacts, like recycling, economical aspects
- Digital aspects on cable design, installation and operation
- Industrial and special cables (cables for power plants, chemical industry, buildings)
- Emerging technologies and new challenges.

Abstracts:

All abstracts for proposed papers should be submitted online according to the instructions and the template available on the Jicable web site www.jicable23.fr **no later than November 2022, 15**
The abstract should be adequately detailed and present a synopsis of the paper (in 500 words maximum, one single page as far as possible) emphasizing any new ideas, with title, author's names, their affiliations and e-mail address.

Full papers:

Authors whose papers will have been accepted will be informed by January 2023 ; full texts in English should be reached to the **Jicable'23** secretariat **not later than April 2023, 15**.
The conference programme will be finalized by January 2023.

Tutorials:

Tutorials are planned to be offered to the participants (topics and dates under consideration)

Young Researchers contest:

Organization Committee of Jicable'23 is setting up a Young Researchers Contest to encourage the participation of students and young researchers. Full-time engineering and science university researchers and Ph.D students are invited to submit abstracts of their research work. The topic of the abstract must fall within one of the programme categories. Students and Researchers whose abstracts are selected will be invited to present papers and answer questions at the Jicable'23 conference during a panel sessions. Prizes will be awarded to the authors of the free best papers.

Technical Exhibition and Technical visits:

An international technical exhibition will be organized during the conference from June 2023, Monday 19 to Wednesday 21 at the conference site. Information concerning the exhibition will be available from the jicable'23 Secretariat.

Technical visits will be organized during the conference in Lyon area on Thursday 22, 2023.

Registration:

Registration fees will be specified at a later date. These fees will include attendance at the conference, and access to the abstracts and proceedings. Please note that the authors of papers to be presented are

not exempt from registration fees, and at least one author of each paper must be registered, failing which the relevant paper will be withdrawn.

Concerning the Young Researchers Contest, first author of the selected papers will be exempted from registration fees.

Conference Venue:

Jicable'23 will be held at the Palais des Congrès in Lyon on June, 18-22 2023.