



Jicable'11

Young Researchers Contest

YRC

CALL FOR PAPERS

Paris-Versailles, France, 19-23 June 2011

DEADLINE DATES FOR YOUR DIARY !!
Submission of abstracts : 1st March 2011
Submission of texts : 15 May 2011

Organised by Jicable with :

International Council on Large Electric Systems (CIGRÉ)
Société de l'Electricité, de l'Electronique & des Technologies de l'Information et de la Communication (SEE)

Scientific and technical support of:

AESIEAP, CIGRE, CIRED, ENTSO-E, Europacable, IEEE, Prospective 2100, SEE, SRBE, UFE, UPDEA.

Committees:

Organisation Committee: *Chairman:* Lucien DESCHAMPS (Prospective 2100, France)

Young Researchers Contest Scientific Committee:

Chairman: Nouredine HADJ-SAID (INP Grenoble/ENSIEG, France)

Secretary : Jérôme HERREROS (RTE, France)

The Organisation Committee of *Jicable'11*, with the support of CIGRE and SEE, are setting up a Young Researchers Contest to encourage the participation of students and undergraduate young researchers to the Conference.

Full-time engineering and science university undergraduate researchers and PhD students are invited to submit abstracts of their research work. The topic of the abstract should fall within one of the programme topics listed below related to insulated power cable technology. Students and researchers whose abstracts are selected will be invited to present their paper in a poster session, explain it and answer questions at *Jicable'11*.

A prize of 1 500 Euros will be awarded to the author of the best paper.

TOPICS:

A – Materials

- Conductors, High Temperature Superconductors
- Carbon nanotubes, SWNT Quantum Wires, ...
- Polymeric Insulation
- Nanodielectrics
- Gas Insulation
- Composite or Intrinsic Polymeric Conductors
- Space Charges
- Accessories

B – Ageing / Degradation

- Electrical, Thermal, Chemical and Combined Ageing Laws & the Evaluation of Life Time Expectancy
- Electro-Chemical Ageing (water-treeing)
- Methods for Assessing the Properties of Materials and their Evolution

C – Modelling / Design

- Electrical, Thermal and Thermo-Mechanical Design
- Temporary Conditions
- Transmission Capacity
- Associated Computer Codes and Validation
- Modelling of Cables in Networks
- Accessories
- Static Stability and Dynamics of Networks, Distribution of Power flows in Mixed Networks

D – Environment

- Impact of Cables on the Environment (Heating, Magnetic field, ...)
- Impact of the Environment on Cables and Accessories (Pollution,.....)
- End-of-Life Treatment Methods
- EMC

ELIGIBILITY:

Undergraduate students.

SUBMISSION/SELECTION:

All abstracts for proposed papers should be sent to the Jicable'11 YRC secretariat in **English** by email (as an attachment using .doc format (97 or 2003) according to the instructions and the template available on "jicable.org" Web site by the deadline: **1st March, 2011**. The abstract should be adequately detailed and present a synopsis of the paper (500 words maximum, one single page as far as possible) **emphasising any new idea**, with title, author's names, their affiliations and emails.

It is mandatory to use the template and detailed instructions available on the Web site www.jicable.org.

Authors whose papers are accepted will be informed by the end of March, 2011. Full texts in **English** should be received by the Jicable'11 YRC Secretariat no later than **15 May, 2011**.

The conference programme will be finalized by 15 June, 2011. Selected papers will be presented at the poster session "Young Researchers" of Jicable'11.

Authors selected will be exempt from conference registration fees but other expenses (travel, lodging) will remain at their charge.

Papers will be reviewed by a jury during the conference. The author of the winning paper will receive a prize of 1 500 Euros from the Jicable'11 organisers.

PUBLICATION:

Papers selected will appear in the **Jicable'11** CD ROM.

✂ _____

Jicable'11 YRC

I am interested in taking part in the Young Researchers Contest

Yes

No

Provisional Title:

.....

Family Name:..... First Name:.....

Degree in View:..... Year of Graduation:.....

Address (University, ...) :

No Road:.....

Postal Code and Town :

Country:..... Tel.:.....

Fax:..... email:.....

This form together with prepared abstracts must be returned to papers.jicable@see.asso.fr

Jicable'11 YRC - 17 rue de l'Amiral Hamelin – 75783 Paris Cedex 16 (France)

Tél. +33 (0)1 56 90 37 04 – Fax +33 (0)1 56 90 37 19 – <http://www.jicable.org/>