CIGRÉ-US National Committee

2016 Next Generation Network Paper Competition

# Introduction

CIGRÉ-US National Committee Next Generation Network (NGN) is holding an abstract and paper competition to encourage students and early professionals to share their experience and knowledge with others in the industry.

The abstract and technical paper must be in alignment with the 2016 Paris Session Call for Papers document pages 2 and 3 ([goo.gl/ozPTnZ](http://goo.gl/ozPTnZ)). The top technical papers will receive opportunities to present at the 2016 Grid of the Future conference, where one grand prize will be awarded.

# qualifications

To qualify for the competition, you must fulfil both requirements of 1 and 2:

1. Be a current CIGRÉ member located in the United States. 2016 student membership is free! Register at [cigre-usnc.tamu.edu/membership/](http://cigre-usnc.tamu.edu/membership/).
2. Be either a or b
   1. undergraduate student or graduate student with interest in power systems, or
   2. power system professional with 10 years or less experience. Power system experience for this competition is classified as any experience beyond Master’s Degree level in the power field.

# Competition Format

## US Competition

**Submittal**

* Each participant submits an abstract by 5/23/16.
* Ten participants will be selected to submit full papers by 7/8/16. They will receive notification no later than 6/3/16.
* Five participants will be selected to present at the 2016 Grid of the Future Symposium. They will receive notification no later than 7/29/16.

**Presentation**

* The five participants will each present at the 2016 Grid of the Future Symposium during 10/30/16 – 11/1/16 in Philadelphia, Pennsylvania. Each participant will have ten minutes for their presentation, followed by five minutes of Q&A.
* The first place winner will be announced during the next all member gathering at the Grid of the Future Symposium.

**Prizes**

* All top five participants will be awarded Grid of the Future Symposium registration ($500 value).
* The winning participant will be awarded registration to the 2017 Grid of the Future Symposium, as well as a $1000 stipend to cover travel expenses ($1500 value).
* All prizes are contingent on attendance of events.

# c Submission

**Abstract**

All participants must send their abstract using the abstract template provided by 4/18/16 to usngn@googlegroups.com.

**Paper**

The top ten participants must send their paper using the paper template provided by 7/8/16 to usngn@googlegroups.com.

# Contact

Please contact NGN at usngn@googlegroups.com with any questions or clarifications.



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**Type here the title of your abstract**

**(Helvetica or Arial Bold size 12 and 5cm (2”) from the top**

**Type here the authors’ names (initials, name in capitals, Times Roman, bold, size 12)**

**Type here the** **CIGRÉ Member ID**

**Type here the Job Title/Degree**

**Type here the** **Company/University**

**Indicate as undergraduate student, graduate student, or professional with 10 years or less experience**

**Type here the email address of the main author**

Start typing here (synopses must be 500 words minimum)



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**Type here the title of your Paper**

**(Helvetica or Arial Bold size 12 and 5cm (2”) from the top**

**Type here the authors’ name (initials, name in capitals, Times Roman, bold, size 12)**

**Type here the** **CIGRÉ Member ID**

**Type here the Job Title/Degree**

**Type here the** **Company/University**

**Indicate as undergraduate student, graduate student, or professional with 10 years or less experience**

**Type here the email address of the main author**

**SUMMARY**

Start typing here with the summary (about 500 words; Times or Helvetica, size 11 or 12 only, from 4.8” / 12 cm from the top). Do not remove or shift the title “**SUMMARY**”.

**KEYWORDS**

3 to 10 words or phrases (Times or Helvetica, size 11 or 12 only).As for “**SUMMARY**”, please keep the title “**KEYWORDS**”.

All pages after title page must start from this line, i.e. 1” (2, 5 cm) margin from the top (Times or Helvetica, size 11 or 12). Pages will be automatically numbered.

**Paper Cont’d**

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**BIBLIOGRAPHY**

Type here the bibliography at the end of your text, according to this presentation (see sample references below). Font to be used is always Times or Helvetica 11 or 12.

[1] Working Group SC 22-12 CIGRE. “The thermal behaviour of overhead conductors Section 1 and 2 Mathematical model for evaluation of conductor temperature in the steady state and the application thereof” (Electra number 144 October 1992 pages 107-125)

[2] T. Seppa “Fried Wire?” (Public Utilities Fortnightly, December 2003, pages 39-41)

[3] Prospectiva del Sector Eléctrico 2002-2011. (Secretaría de Energía. Mexico, 2002).

[4] Resolución sobre las Modificaciones a la Metodología para la Determinación de los Cargos por Servicio de Transmisión de Energía Eléctrica. (Diario Oficial de la Federación. Jueves 23 de Diciembre de 1999).