



18th Asian Conference on Electrical Discharge (ACED 2016)

Indian Institute of Technology Madras
Chennai 600 036, Tamilnadu, India

8-10 December 2016

General

The 18th Asian Conference on Electrical Discharge (ACED 2016) will be held at IIT Madras, Chennai, India, during 8-10 December 2016. This is the 18th conference of a series that had its last venues in Bangkok, Thailand (2014), Johor Bahru, Malaysia (2012), Xi'an, China (2010), Bandung, Indonesia (2008), Hokkaido, Japan (2006), Shenzhen, China (2004), Seoul, Korea (2002), Kyoto, Japan (2000), Bandung, Indonesia (1998), Bangkok, Thailand (1996), Xi'an, China (1994), Oita, Japan (1993) and Singapore (1992).

Objectives of the conference

The objective of this conference is to form a forum for researchers, scientists and engineers to discuss and deliberate the cutting edge research activities in the areas of recent progress in properties, phenomena and applications of electrical discharges.

The organizing committee cordially invites you to participate in the conference.

Original papers on the following topics, but not limited to, are invited to the conference

- ❖ Elementary processes and transport phenomena of electric charges
- ❖ Corona, spark, surface discharge, high-pressure glow, and high-frequency discharge
- ❖ Lightning discharge phenomena and its measurement
- ❖ Pulsed power source and technology
- ❖ Plasma generation and diagnostic technology
- ❖ Application of electrical discharge and plasma
- ❖ Partial discharge phenomena and measurement
- ❖ Space charge, dielectric measurement and their applications
- ❖ Electromagnetic fields, measurement, and environmental effects
- ❖ Electrical insulation diagnostics, on-line monitoring, measurements, testing techniques and quality assurance
- ❖ Intelligent technology and system in high voltage engineering
- ❖ Other related issues

International Steering Committee

K. Hidaka (Chair, Japan)	K. H. Lock (Singapore)
J-Y. Koo (Co-Chair, Korea)	R. Mardiana (Indonesia)
Z. C. Guan (Co-Chair, China)	S. Sangkasaad (Thailand)
N. Hayashi (Secretary, Japan)	M. Akbar (Pakistan)
G.J. Zhang (China)	H. B. Ahmad (Malaysia)
H-Y. Kim (Korea)	Nilesh J. Vasa (India)

Submission of Abstract

You are invited to submit your short abstract (not more than 500 words) to the Conference Secretariat by **15th June 2016 through Online portal**. The abstract must include title, author's name(s), affiliation(s), mailing and e-mail addresses, telephone number and fax number. The abstract should be in Microsoft Word format.

Submission of Full Paper

The authors of an accepted paper are requested to submit a full manuscript (generally 4-page max.) by **1st September 30, 2016**. The MS-WORD template file and detailed instructions for paper preparation and submission can be downloaded from the conference website. All papers presented in the conference will be published in the peer reviewed CPRI journal.

Important Deadlines

Submission of Abstract	: 15 th June 2016
Notification of Acceptance of Abstract	: 15 th July 2016
Submission of Full Paper for Review	: 1 st September 2016
Acceptance of Manuscript for presentation	: 15 th October 2016
Registration for the conference	: 1 st November 2016

Kindly visit the conference website:

www.ee.iitm.ac.in/ACED2016 for more information. Online abstract submission portal will be active from 1st April 2016.

Prizes will be awarded for the best Oral Presentation by Research Scholars

Conference Venue

**Indian Institute of Technology Madras
Chennai- 600 036, India**

Conference Chair : Prof. Nilesh J Vasa,
Dept. of Engineering Design,
IIT Madras, Chennai, India

Convenor : Prof. R. Sarathi,
Dept. of Electrical Engineering,
IIT Madras, Chennai, India

For any Queries and clarifications, contact

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