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## CALL FOR PAPERS

### POWERCON 2004

“INNOVATING NEW  
TECHNOLOGIES TO  
POWER THE FUTURE”

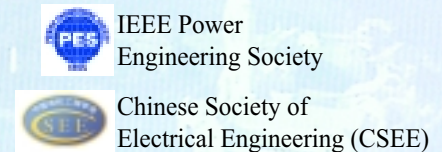
**2004 International Conference  
on Power System Technology**

**November 21 – 24, 2004  
The Pan Pacific, Singapore**

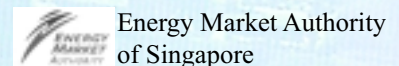
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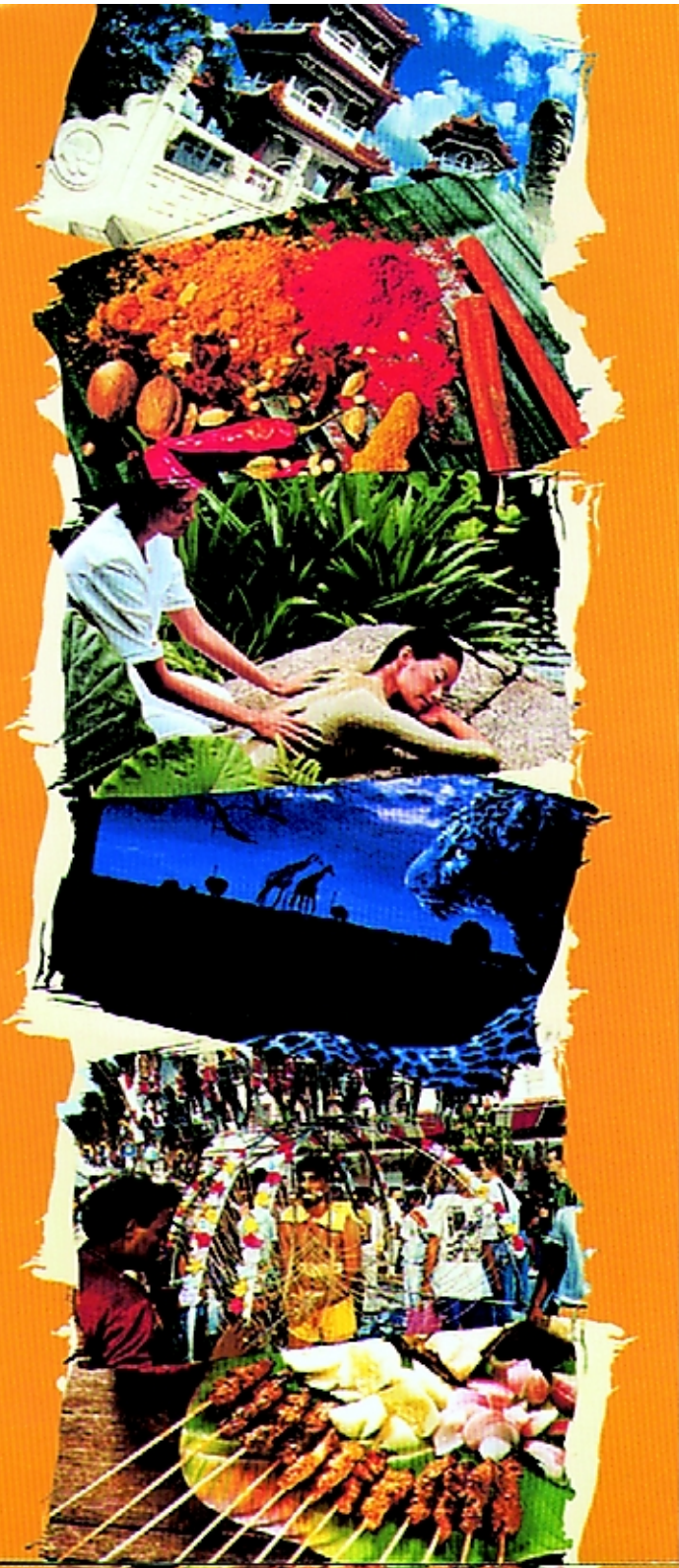
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**Singapore** NEW ASIA  
Where the world comes together



This biennial conference was first organized in 1998 in Beijing, China. The second conference was held in Perth, Australia, in 2000 while the immediate past conference was held in Kunming, China in 2002. The 2004 conference will be held in Singapore, and it will be co-organized by the IEEE Power Engineering Society, the Nanyang Technological University (NTU), National University of Singapore (NUS), and Singapore Power Ltd.

The theme of the conference is “Innovating new technologies to power the future”. The recent changes to the electricity supply industry and their implications require innovation in new technologies to keep the power flowing in the electrical networks.

The conference will provide the perfect forum for power engineering professionals and academic researchers to exchange up-to-date knowledge, experiences and views on key areas of electric power engineering and power system technology. The conference will focus on both theory and applications. In addition to the technical sessions, there will be a keynote session, two tutorials sessions and a small exhibition.

### **Keynote Speaker**

The keynote speaker, Dr Hans “Teddy” Puttgen, sponsored by the IEEE PES (USA), will address the conference delegates on the need for pro-active engagement of engineers in the public, legislative, and regulatory arenas regarding energy in general, and the production, transmission, distribution and end-use of electric energy, in particular.

### **Tutorial Speakers**

Two tutorial sessions will run concurrently on Sunday, November 21, 2004. Dr Alex McEachern will give a full-day tutorial on Power Quality, and Dr Bruce Wollenberg will give a full-day tutorial on “Power System Planning and Operation: How should it be done differently with a restructured industry?”

### **Exhibition**

A small exhibition will be held in conjunction with the conference. Interested exhibitors should contact R Oruganti at [powercon2004@ieee.org](mailto:powercon2004@ieee.org).

## Scope

Powercon2004 welcomes technical contributions in all areas of power engineering and power electronics, with particular emphasis on power system technology. The topics of interest are broadly categorized into, but not limited to, the following topics:

1. Power System Operation and Control
2. Power System Planning and Management
3. Electric Machines and Apparatus
4. HVAC/HVDC Systems & Insulation Co-ordination
5. Power Electronics and Drives
6. Flexible AC Transmission Systems (FACTS) and Custom Power
7. Power Market, Deregulation and Power System Economics
8. Power Quality & Harmonics
9. Distributed Generation, Fuel Cells and Renewable Energy
10. System Protection and Sensors
11. Generation, Transmission and Distribution Equipment
12. On-line Monitoring and Diagnosis
13. High Voltage Engineering
14. Power System Dynamics
15. Power System Reliability and Security
16. SCADA, EMS and DSM
17. System Blackout, Voltage Collapse and Restoration
18. Intelligent Control of Power Systems
19. AI Applications
20. Power Engineering Education

## Submission Procedure

Authors are invited to submit Abstracts (up to 500 words) to the Conference via the website <http://www.ieee.org/powercon2004> on or before **1 March 2004**. All submitted abstracts will be reviewed and the corresponding author will be notified by email regarding the provisional acceptance/rejection by **2 April 2004**. The submission deadline for uploading the full papers on the conference website is **21 May 2004**. All submitted full papers will be reviewed and the corresponding authors will be notified regarding the final acceptance/rejection by **30 July 2004**. Upon final acceptance, authors will be required to register and present their papers. Papers will only be published in the conference proceedings and scheduled for oral presentation if at least one author is registered for the conference by **10 September 2004**.

**Authors of papers recently accepted for PES Transactions can choose to present their accepted transaction paper(s) at the Powercon 2004.**

## Contact

Please visit <http://www.ieee.org/powercon2004> for more details on the Powercon2004 Conference. For further information, please contact the conference secretariat at Powercon2004 Secretariat, Ms Michele Khoo, Conference Management Centre/CCE, Nanyang Technological University, Administration Annex Building #04-04, 42 Nanyang Avenue, Singapore 639815, Tel: +65 6790 4566, Fax: +65 6793 0997, Email: [Powercon2004@ieee.org](mailto:Powercon2004@ieee.org)

For general inquiries, please contact L Goel ([elkgoel@ntu.edu.sg](mailto:elkgoel@ntu.edu.sg)) or Chen Shiun ([eschen@ntu.edu.sg](mailto:eschen@ntu.edu.sg)).

## Important Dates

Deadline for submission of abstracts	01 March 2004
Notification of provisional acceptance	02 April 2004
Submission of full papers	21 May 2004
Notification of final acceptance	30 July 2004
Advance registration deadline	10 September 2004
Conference dates	21-24 November 2004

## Registration fees

The registration fee includes 1 set of CD-Rom proceedings, Book of Abstracts, conference bag, 3 lunches, tea/coffee breaks, a conference banquet and 5% goods & services tax.

	IEEE Members	Non-IEEE Members	Students*	Accompanying persons
Advance registration (on or before September 10, 2004)	S\$700	S\$750	S\$300	S\$200
Normal registration (after September 10, 2004)	S\$800	S\$850	S\$350	S\$250

\*Student registration does not include banquet. Students will be required to show proof of their student status.

Live it up in Singapore!

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IEEE Power Engineering Society, Singapore Chapter  
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