

# PCS 13

## Intelligent software systems in inspection and life management of power and process plants

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Location : Kyungju, Korea

Date : Aug. 23-25

Fee : US\$ 400

*Chairman :*

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**General :**

The seminar will continue the tradition started with the seminar "Expert Systems and AI Application in Power-Generation Industry", held in Hakone, Japan (1991), and the following seminars held in constancy, Germany, Sao Paulo, Brazil and the Paris, France, in connection with respective SMiRT Conferences, in 1991 to 1997. The seminar will be strongly application-oriented. It will give a survey of current application and development trends, as well as a deeper insight into selected applications of intelligent software system (ISS) in the power, process and other plants. Particular emphasis of this seminar will be on the issues of inspection, risk-based inspection and lifetime management. Engineers and managers from the domains materials, design, remaining life assessment, structural analysis, safety analysis, plant management, as well as the knowledge engineers involved in the development of "intelligent" software system in these domains are expected to attend the seminar.

***Papers, proceedings, notes for authors and participants, software demonstrations :***

Please send your application as soon as possible, preferably before January 15th, 1999 using the provided application form, contact any of the organizers for possible questions and/or queries.

The paper (max. 15-20 pages), should be prepared using the Times Roman or similar font size 12, with 1 inch margins all around, page numbers in lower right corner and enumerated heading in bold.

The papers are due before May 15, 1999. Send the master copy and one additional copy of each accepted paper to Dr. Kee Bong Yoon (see the address above).

Except for tutorials, the presentation time for all other paper is 30 minutes; All lectures should leave approx. 5-minutes for discussion at the end of their presentation. The loose-leaf version of proceedings will be available and distributed at the seminar site. The language of the conference is English, no translation is foreseen. Software demonstrations of intelligent systems presented in the sessions are planned.