

PHYSOR-2004 Hyatt Regency Chicago, Chicago, Illinois April 25-29, 2004

For more information, please visit our web site at www.physor2004.anl.gov

or contact

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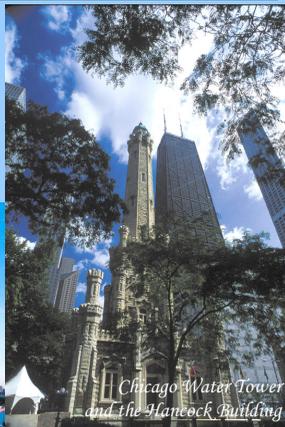
Hyatt Regency Chicago



Chicago Skyline and Lincoln Park



Wrigley Field



Chicago Water Tower and the Hancock Building



Buckingham Fountain in Grant Park



Michigan Avenue



Navy Pier



PHYSOR-2004

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PHYSOR-2004 The Physics of Fuel Cycles and Advanced Nuclear Systems: Global Developments Chicago, Illinois, USA • April 25-29, 2004

A topical meeting sponsored by the Reactor Physics Division of the American Nuclear Society, and co-sponsored by the Mathematics & Computation Division

Dear Colleague,

We welcome your participation at the PHYSOR-2004 Topical Meeting in April, 2004. Over 60 years ago, Chicago served as the birthplace of nuclear reactor technology. Today, the city provides a fitting location for the presentation of global developments in reactor and fuel cycle physics for mature technologies, and for a new generation of nuclear systems.

Best Regards,

Massimo Salvatores
Massimo Salvatores
General Chairs, PHYSOR-2004

Yoon Chang
Yoon Chang



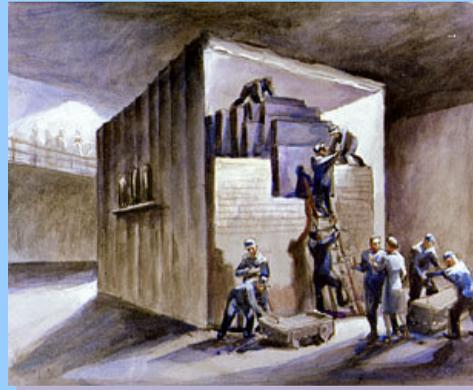
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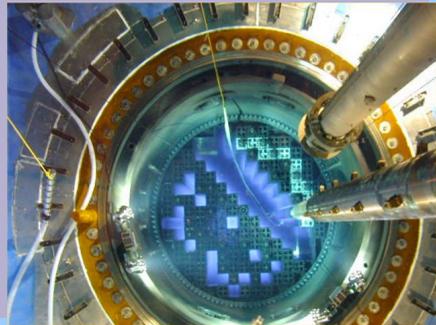
Session Topics

Accelerator Applications and Spallation Physics
Advanced Reactor Designs
Fuel/Core Design and Analysis
Fuel Cycle Physics
Gas-Cooled Reactors
Monte Carlo Methods and Developments
Non-Conventional Reactors
Non-Power Reactor Applications
Nuclear Data
Nuclear Engineering Infrastructure
Nuclear Safety
Power Reactors
Reactor Analysis Methods
Reactor and Neutron Physics
Reactor Physics Benchmarks
Reactor Physics Standards
Reactor Physics/Materials Science Interface
Repository and Waste Characterization
Research Reactor Applications
Space Applications and Other Topics



Plenary Session Topics

International Perspectives and Programs in
Reactor Physics
Current Needs in Reactor Physics
Experimental Activities in Reactor Physics
Efforts in Code Development and Reactor
Modeling



Special Events

Welcome Reception at the Art Institute of Chicago
MCNP Criticality Workshop
Gen-IV Reactor Physics Workshop
Formal banquet with featured speaker
Technical tours – ANL, Fermi Lab, Zion D&D Operations (tentative)
Chicago Cubs or White Sox baseball game (based on schedule)



Instructions to Authors

Authors submitting papers to PHYSOR-2004 are required to use the ANS Template and “Guidelines for TRANSACTIONS Summary Preparation” provided on the ANS Web site (www.ans.org/pubs/transactions). Summaries must be submitted electronically in Adobe Acrobat (pdf) or Microsoft Word (doc) format to the ANS Electronic Submission System. Summaries not based on the ANS Template will not be accepted. **Guidelines for preparation of full papers will be sent to the authors upon acceptance of their summary.**



1000-word summaries will be submitted and reviewed electronically. Following acceptance of the summary, authors will be required to submit a full paper that will be published on a CD-ROM to be made available at the meeting. Authors will present their papers orally at the meeting, and are expected to register for the meeting. Some papers may be accepted for a poster session, either by recommendation of the Technical Program Committee or by the author's request.

Important Dates

October 10, 2003 – Electronic submission of 1000-word summary

November 14, 2003 – Author notification of acceptance

February 2, 2004 – Submission of full-length papers

March 26, 2004 – Early registration deadline

April 25, 2004 – Welcome Reception at the Art Institute of Chicago

April 26-29, 2004 – PHYSOR-2004 Topical Meeting

Organizing Committee

Honorary Chairs

Jacques Bouchard (Commissariat a l'Energie Atomique),
Charles Till (Argonne National Lab)

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Yoon Chang (ANL), Massimo Salvatores (CEA-Cadarache)

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