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AUTHOR NOTIFICATION OF ACCEPTANCE:
By July 25, 2014
REVISED SUMMARIES DUE:
August 11, 2014

FORMAT
Authors are now REQUIRED to use the ANS Template and “Guidelines for TRANSACTIONS Summary Preparation” provided on the ANS Web site. Summaries must be submitted electronically using Adobe Acrobat (PDF) files and original Microsoft Word documents and the ANS Electronic Submission System. Summaries not based on the ANS Template will be REJECTED.

GUIDELINES FOR SUMMARIES
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CONTENT
1. Introduction: State the purpose of the work.
2. Description of the actual work: Must be NEW and SIGNIFICANT.
3. Results: Discuss their significance.
4. References: If any, must be closely related published works. Minimize the number of references.
5. Do not present a bibliographical listing.

LENGTH
1. The minimum length is one full page.
2. The maximum length is four pages, including references, tables, and figures.
3. Limit title to ten words; limit listing authors to three or fewer if possible.

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SUBMIT A SUMMARY:
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Embedded Topical Meeting: 21st Topical Meeting on the Technology of Fusion Energy (TOFE)
November 9-13 2014 • Anaheim, California • Disneyland Hotel

EMBEDDED TOPICAL MEETING CHAIRS
General Chair:
Brian Wirth, University of Tennessee, Knoxville

Technical Program Chairs:
Vincent Chan, General Atomics
Rajesh Maingi, Princeton Plasma Physics Laboratory

Abstract submission deadline: May 30, 2014, with one-page summaries submitted electronically at www.ans.org/meetings. Publication of full papers will be available in a special issue of Fusion Science and Technology, with manuscripts due at the completion of the meeting.

About the meeting: The 21st TOFE will provide a forum to present recent results and advances in fusion technology and fundamental science obtained in either single effects laboratories or today's major experimental facilities, as well as to discuss the current status of ITER and the future of national and worldwide fusion programs. Special sessions are planned on the safety and environmental impact of fusion, and perspectives on a potential fusion nuclear science facility.

TECHNICAL TOPICS:
• Fusion Engineering and Science
  — Progress of major facilities (e.g. ITER, Alcator C-Mod, DIII-D, NSTX-U, NIF)
  — Plasma engineering, heating and cooling
  — Plasma materials interactions
  — Plasma diagnostics
  — Magnets
  — Alternate fusion concepts
  — IFE specific areas

• Energy Development Facilities
  — Materials behavior and component test facilities
  — Power plant studies
  — Perspectives on a Fusion Nuclear Science Facility (FNSF)
  — Test blanket development, planning and testing for ITER
  — Fuel handling and processing
  — Computational tools and validation

• Extracting Fusion Power
  — Power conversion
  — Safety and Environmental impact of fusion
  — Nuclear analysis (neutronics and shielding)
  — Fuel cycle and breeding
  — Divertors and high heat flux components
  — Materials development and modeling

• Non-Electrical Fusion Applications (e.g., Propulsion)