2013 CALL FOR ABSTRACTS & PAPERS

We invite you to participate in the 2013 Cryogenic Engineering Conference (CEC) and International Cryogenic Materials Conference (ICMC) to be jointly held from June 17 to June 21, 2013 at the Dena’ina Civic and Convention Center, Anchorage, Alaska, USA. The conference program format will consist of plenary, focused, and special sessions with oral and poster presentations covering all aspects of cryogenic engineering and materials. In addition, an extensive exhibit will showcase the most up-to-date products and technologies in the cryogenic field.

Anchorage is a unique destination located in one of the world’s most spectacular settings – Alaska. Recognized as a four-time All-America City, Anchorage is a modern city surrounded by spectacular wilderness with adventures just steps from downtown. The city possesses all the cultural amenities and activities one would expect from any urban center, but this one just happens to be surrounded by wilderness of mountains and valleys, glaciers and fjords, active and inactive volcanoes. Anchorage is known as both the “City of Lights” (winter) and the “City of Flowers” (summer). During summer the days seem endless. Dazzling displays of flowers adorn homes and storefronts, live music fills the air, while king and silver salmon are caught right downtown in Ship Creek. At first mention, Anchorage may stir up visions of igloos and Eskimos, but Alaska’s largest city is nothing like that at all. Much warmer than you may think, Anchorage sees an average temperature of around 68 degrees Fahrenheit (20 degrees Celsius) in the summer.

CALL FOR ABSTRACTS & PAPERS
Authors are requested to submit abstracts and papers that address any aspect of cryogenic engineering and cryogenic materials research. The submission categories are listed below for the CEC and the ICMC respectively.

The subject matter of submitted abstracts and papers should be technically orientated and feature new, original developments in cryogenic engineering and materials. Manuscripts will be peer reviewed for possible publication by the American Institute of Physics in the conference transactions, Advances in Cryogenic Engineering. The mode of presentation (oral or poster) will have no effect on the review of the submitted paper. Acceptance of an abstract for presentation does not guarantee publication in the conference transactions.

PREPARING ABSTRACTS
Submission of abstracts for CEC-ICMC will be entirely electronic, using the conference website, www.cec-icmc.org. Complete information regarding the format of abstracts and submission categories can be found at this website. The deadline to submit abstracts is January 11, 2013.

ABSTRACT ACCEPTANCE & MANUSCRIPT SUBMISSION
Abstract acceptance letters will be emailed by February 25, 2013. Instructions on manuscript preparation and submission will be posted on the website. The deadline for electronic submission of manuscripts is June 18, 2013.

To allow time for potential foreign participants to file their Visa applications in a timely manner, abstracts generated by foreign participants should be submitted as early as possible. The conference organizers will endeavor to respond quickly to these abstracts as they come in. (Please see the “VISA Requirements” section below.)

EXHIBITS
A technical exhibition of materials, services, instruments and literature will take place during the conference. If you or your company are interested or would like to receive additional information about the CEC-ICMC 2013 Exhibition, you may visit the conference website or contact Centennial Conferences at Phone: (001) 303-499-2299, Fax: (001) 303-499-2599, Email: cecicmc@centennialconferences.com.
FINANCIAL SUPPORT
A limited amount of financial support in the form of a waived registration is available for students and attendees from developing countries presenting papers. The guidelines for requesting assistance are available on the web page. The deadline to apply is February 15, 2013.

AWARDS AND SCHOLARSHIPS
Participants are encouraged to submit nominations to the CEC and ICMC for the awards that will be presented during the conference. Further information on submitting nominations or applying is available at www.cec-icmc.org.

The Samuel Collins Award honors major contributions to cryogenic engineering. The deadline for nominations is December 21, 2012.

The ICMC Cryogenic Materials Award for Lifetime Achievement is given in recognition of lifetime achievements in advancing the knowledge of cryogenic materials. The deadline for nominations is April 19, 2013.

The Russell B. Scott Best Paper Award will be selected from the CEC papers presented at the 2011 Conference. Please see the conference web page for more information on this award.

The CEC Timmerhaus Scholarship is a graduate scholarship intended to "develop and foster increased interest and participation in fields of cryogenic studies and to encourage future engineers and scientists in these areas". The deadline for applications is May 15, 2013.

CEC and ICMC Student Meritorious Paper Award is awarded to students for outstanding work. Winners will receive a printed certificate and a monetary award. The deadline for applications is April 13, 2013.

ICMC Best Paper Awards will be selected from the papers presented at the 2011 Conference. Please see the conference web page for more information on this award.

CEC and ICMC Student Travel Awards are available for a limited number of students presenting papers at the conference. The deadline for travel assistance applications is April 13, 2013.

NOMINATIONS FOR THE CEC BOARD
Individuals wishing to nominate a person or themselves for the CEC Board elections are requested to contact:

    Thomas H. Nicol
    Fermilab
    P.O. Box 500, Rm. 41-208
    Batavia, IL 60510
    Phone: (001) 630-840-3441 • Fax: (001) 630-840-8036 • Email: tnicol@fnal.gov

The deadline for nominations is January 11, 2013.

VISA REQUIREMENTS
Citizens of countries outside the U.S. must carry a valid passport and may be required to obtain a visa to enter the U.S. As the visa process may take up to 6 months, foreign participants should contact the United States Embassy, Consulate or Office of Tourism in their home country as soon as possible to determine their individual visa requirements. CEC-ICMC 2013 CANNOT INTERVENE with either U.S. Embassies abroad or with the State Department in Washington, DC, on behalf of any participant. However, if you need a personal letter of invitation to attend the Conference, contact Centennial Conferences (email: cecicmc@centennialconferences.com; Fax: (001) 303-499-2599) and provide your full name, complete mailing address, a valid email address, and your phone and fax numbers. Your letter will be EMAILED TO YOU. A hard copy will be faxed and mailed to you via regular airmail only if requested. Any fees for sending letters via express mail must be paid for by the requester.

CONFERENCE INFORMATION
All conference related information will be made available on the conference website at http://www.cec-icmc.org. For any additional conference inquiries, please contact the Conference Management at:

    Centennial Conferences
    917 Front Street, Suite 220, Louisville, CO 80027, USA
    Phone: (001) 303-499-2299 • Fax: (001) 303-499-2599 • Email: cecicmc@centennialconferences.com
CEC-ICMC SUBMISSION CATEGORIES

CEC SUBMISSION CATEGORIES
CEC-01  Large-Scale Refrigeration and Liquefaction
CEC-02  Large-Scale Systems, Facilities, and Testing
CEC-03  Pulse Tube Cryocoolers (Non-aerospace)
CEC-04  Magnetic, Stirling, and Other Coolers (Non-aerospace)
CEC-05  Expanders, Pumps, and Compressors
CEC-06  Regenerators
CEC-07  Stirling and Pulse Tube Cryocoolers (Aerospace)
CEC-08  Magnetic, Sorption, and Other Coolers (Aerospace)
CEC-09  LTS Superconducting Magnet Systems
CEC-10  HTS Superconducting Magnet Systems
CEC-11  Superconducting RF Systems
CEC-12  Cryogenic Power Cables and Leads
CEC-13  Energy, Transportation, and Fuels
CEC-14  Power Applications, Systems, and Materials
CEC-15  Aerospace and Space Launch
CEC-16  Safety, Reliability, and Standards
CEC-17  Fluid Mechanics, Heat Transfer, and Cryogen Properties
CEC-18  Helium II Properties and Systems
CEC-19  Thermal Insulation Systems
CEC-20  Instrumentation and Controls
CEC-21  Environmental Process Applications
CEC-22  Cryogenic Applications in Industry and Manufacturing
CEC-23  Cryogenics for Medical and Food Applications
CEC-24  Novel Concepts and New Devices

ICMC SUBMISSION CATEGORIES
ICMC-01  Ferrous Metals at Cryogenic Temperatures
ICMC-02  Non-Ferrous Metals at Cryogenic Temperatures
ICMC-03  Non-Metallic Materials at Cryogenic Temperatures
ICMC-04  Polymers, Resins, and Composite Materials at Cryogenic Temperatures
ICMC-05  Nb-Ti and Other LT Alloy Superconductors
ICMC-06  Niobium3-Tin Superconductors
ICMC-07  A-15 and Other Compound Superconductors
ICMC-08  Thin Film HTS and LTS Superconductors
ICMC-09  HTS BSCCO Wires and Tapes
ICMC-10  HTS Coated Conductors, Processing and Properties
ICMC-11  Flux Pinning Centers in HTS, Preparation/Properties
ICMC-12  High Current HTS Cables, Conductor Composites
ICMC-13  ReBCO Bulk Superconductors
ICMC-14  Pnictides (Films, Wires, Bulk, Single Crystals)
ICMC-15  Novel Superconducting Materials
ICMC-16  Superconductor Stability and AC Losses
ICMC-17  Mechanical Properties of LTS Materials
ICMC-18  Mechanical Properties of HTS Materials
ICMC-19  Mechanical Properties of Structure Materials, Fatigue
ICMC-20  Radiation Effects in Materials
ICMC-21  Cryogenic Processing of Materials (Metals, Polymers, Biomaterials and Others)
ICMC-22  Materials Evaluation and Testing Methods at Cryogenic Temperature
ICMC-23  Novel Materials, Processes, Properties and Applications
ICMC-24  Cryogenic Power Electronics, Materials and Systems
Highlighted topics
ICMC-25  MgB2 Precursors, Bulk, Wires, Tapes and Cables
ICMC-26  Material Properties of Magnets and Coils
ICMC-27  Insulating materials at Cryogenic Temperatures and High Voltage Properties
ICMC-28  Nanostructures in Structure Materials and Superconductors

PROGRAM SUGGESTIONS
Suggestions concerning the technical program, particularly topical workshops and special sessions, should be directed to the appropriate Conference or Program Chair.

CEC:
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DATES TO REMEMBER

End of November, 2012  Abstract Submission Opens
December 21, 2012     Samuel C. Collins Award Nomination Deadline
January 11, 2013      Abstract Submission Deadline
January 11, 2013      CEC Board Nominations Deadline
February 15, 2013     Financial Support Application Deadline
February 25, 2013     Emailed Notification of Abstract Acceptance
March 1, 2013         Conference Registration Opens
March 1, 2013         Hotel Reservation Opens
April 13, 2013        Student Travel Award Application Deadline
April 13, 2013        Student Meritorious Paper Award Application Deadline
April 19, 2013        ICMC Lifetime Achievement Award Nomination Deadline
April 17, 2013        Early Conference Registration Fee Deadline
May 1, 2013           Hotel Reservation Deadline
May 15, 2013          CEC Klaus Timmerhaus Scholarship Award Application Deadline
June 3, 2013          Pre-Conference Registration Deadline
Mid May, 2013         Manuscript Submission Site Opens
June 17 - 21, 2013    CONFERENCE
June 18, 2013         Manuscript Submission Deadline

CRYOGENIC ENGINEERING CONFERENCE & INTERNATIONAL CRYOGENIC MATERIALS CONFERENCE

June 17 - 21, 2013

Dena’ina Civic & Convention Center
Anchorage, Alaska, USA

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