National Institutes of Health Informatics presents the

Advances in Health Informatics Conference (AHIC 2012)

April 25 - 27, 2012
York University
Schulich School of Business Executive Learning Centre
Toronto, Ontario
Canada

INVITATION

Dr. Nick Cercone and Dr. Bruce Friedman, AHIC 2012 Conference Co-chairs, invite you to submit your paper to this innovative, peer-reviewed Health Informatics conference addressing research, practice and education with a focus on **Integrated Diagnostics and Integrated Clinical Care Delivery**. The conference will focus on IT initiatives to provide the tools for integrated dx and the clinical data to make this a reality.

The conference will feature exciting keynote speakers and presentations from Canada and from around the world.

AHIC 2012 will discuss and delve deeply into foundational and applied research, practice and education in Health Informatics, and present new developments in evidence-based policy and its implementation.

This biennial conference is an excellent opportunity to take a closer look at developments in Health Informatics and to interact with colleagues from all over the world. On behalf of the National Institutes of Health Informatics (NIHI), York University and the Scientific Program Committee, we hope to see you in Toronto, Ontario, on April 25 - 27, 2012.

DEADLINE FOR SUBMISSION (EXTENSION): 21 December 2011
11:59 PM Eastern Standard Time (EST)

Link to submit: https://www.easychair.org/conferences/?conf=ahic2012

Canada's 2nd Advances in Health Informatics Conference

CALL FOR SUBMISSIONS

The Scientific Program Committee (SPC) invites submissions of full papers on Health Informatics research, education, practice, or policy development/implementation.
In addition to in-person conference attendance, AHIC is offering a 'Green Stream.' This will allow participants to attend or to present through electronic communications means such as videoconference, web conference, or teleconference. Virtual attendance will be available for the conference 'Green Stream' that may be attended in whole or part.

As a special feature, AHIC 2012 will incorporate a major session on "eProduct Innovations in Diagnostic Medicine" session to enable private sector contributions to the scientific program. Speakers will include vendor representatives or vendor-client partners.

THEME
AHIC 2012 addresses the crucial topic of integrated diagnostics and integrated clinical care delivery, the fusion of information and knowledge at the point of care. Presentations will focus on work that brings information from the multitude of diagnostic processes together into a holistic presentation for the care provider. Examples include combining Diagnostic Radiology Imaging with Digital Pathology, integrating high dimensional data sets and making distillations available at the point of care, and visualizing high dimensional clinical data sets.

To realize this, Dr. Bruce Friedman, Emeritus Professor of Pathology, University of Michigan Medical School, is Conference Co-chair with Dr. Nick Cercone, Professor of Engineering and Computer Science, York University. Dr. Friedman is a Pathologist who has immense experience in pathology informatics and has organized continuing medical conferences for nearly forty years. Dr. Cercone, a noted Computer Scientist, is an expert in knowledge representation, retrieval and management.

AHIC 2012 submissions will be categorized as either foundational contributions of novel informatics concepts, methods, and tools, or the application and evaluation of informatics within the practical, day-to-day healthcare practice and education.

To assist attendees in identifying sessions in which they are most interested, the Scientific Program Committee will organize the accepted submissions into these category themes:

1. Progress in Health Informatics in foundational and applied research related to knowledge management and presentation.
2. Advances in Health Informatics education, particularly related to the conference theme.
3. New developments in evidence-based eHealth policy and implementation or healthcare practice that impact knowledge transfer at the point of care.

Theme words: (practice, research & education)
- information retrieval
- knowledge management
- decision support, outcomes, and patient safety
- information and knowledge fusion
- knowledge transfer
- integrated diagnostics
- integrated clinical care delivery
- clinical research informatics
- health informatics theory and methods
- medical imaging and PACS, including digital pathology
- laboratory information processing
- telehealth
- eHealth information delivery systems
- terminology and standards
- workflow and human factors (clinical, operational, organizational)
- people and organizational issues
- visualization
- educational program design and implementation
- policy and ethical issues
- policy development and implementation
- partnerships in innovation
- working with industry in delivering information and care
- other topics in line with the conference theme

CATEGORIES OF SUBMISSION
Submissions must include a discussion of results or outcome data. The types of submissions considered for AHIC 2012 and general requirements for each are as follows. All submissions must conform to the format and presentation requirements described herein. Submissions not conforming to these specifications will <u>not</u> be considered. Papers must be the author's original work, be well organized and clearly articulate the ideas and methodology (or be appropriately referenced). Include relevant tables, graphs, or illustrations to document outcomes and impacts.

Content will generally be organized in the following order:
　　Abstract
　　Keywords
　　Introduction
　　Methods
　　Results
　　Discussion
　　Conclusion
　　Acknowledgments
　　References
　　Address for correspondence

An example/template can be downloaded from this website:
http://ahic.nihi.ca/ahic/docs/AHIC2012TemplateForSubmissions.doc

PAPERS
Type 1 – Long paper (6 pages)
The SPC requests papers highlighting progress in foundational and applied health informatics research, practice, and education with a focus on outcomes/results using either qualitative or quantitative methods. This paper is evaluation oriented.

- Authors of accepted papers will present at the conference, with a 15 minute presentation time and participate in a 5-minute question and answer period.
- An individual may be a first author of only one paper submitted for consideration. Submission must not be in press or under consideration for presentation or publication elsewhere. All authors must sign the Permission to Publish form prior to publication.
- Paper submissions must not exceed a maximum of six (8.5 x 11 inch) pages and must include:
  - An abstract of 125–150 words
  - Keywords (up to six)
  - The names, academic degree(s), affiliations, and locations (city, province, and country, if international) of all authors
  - A short biography of 100 words

Type 2 – Short paper (3 pages)
The SPC requests papers highlighting progress in foundational and applied health informatics research, practice, and education, with a focus on data on outcomes, including subjective impacts (any outcomes, not just patient outcomes).

- Authors of accepted papers will present at the conference, with a 5-minute presentation time and participate in a 5-minute question and answer period. We

recommend one slide per minute; five slides maximum. (Times will be strictly enforced).
- An individual may be a first author of only one paper submitted for consideration. Submissions must not be in press or under consideration for presentation or publication elsewhere. All authors must sign the Permission to Publish form prior to publication.
- Paper submissions must not exceed a maximum of three (8.5 x 11 inch) pages and must include:
  - An abstract of 125–150 words
  - The names, academic degree(s), affiliations, and locations (city, province, and country, if international) of all authors
  - A short biography of 100 words

Private Sector Papers
The SPC invites the private sector to submit papers that describe complete or nearly complete research or development efforts in informatics. A member of the SPC is willing to work with private sector submitters to assist in the preparation of papers that bring important HI information to AHIC 2012 participants. Submissions must follow paper format requirements and will be reviewed through the SPCs' standard review process, along with all other submitted papers.

Student Papers
The SPC invites students to submit papers that describe complete or nearly complete research or development efforts in informatics. All designated student papers must follow paper format requirements and will be reviewed through the SPCs' standard review process, along with all other submitted papers. Students will be assigned a mentor to guide them through the revision of their paper(s) for final submission.

An individual may be a first author of only one paper submitted for consideration. Submission must not be in press or under consideration for presentation or publication elsewhere. All authors must sign the Permission to Publish form prior to publication. Student papers that are accepted by the SPC will be presented in a regular paper session and included in the Conference Proceedings.

Participants must be registered as students in a full-time or part-time program at an accredited college or university. Submissions will be judged based on the quality of their content and format.

Student Posters
The SPC invites students to present their research or expertise in the form of a poster describing educational content and research results that directly inform the practice of informatics or decisions about funding/implementation of IT in health care. All designated student posters must follow the format requirements and will be reviewed through the SPC's standard review process, along with all other submitted posters.

Students with accepted posters will showcase their posters at the conference. The top three winners and honorable mentions will be invited to have their posters displayed on the NIHI website.

Student posters that are accepted by the SPC will be presented at the poster session during the conference. One of the poster authors must attend the conference in order to participate in the poster session.

Participants must be registered as students in a full-time or part-time program at an accredited college or university. Submissions will be judged based on the quality of their content and format.

Poster guidelines can be downloaded from this website:
http://ahic.nihi.ca/ahic/docs/AHIC2012PosterGuidelines.pdf

PUBLICATION OF BEST PAPERS

Best papers of AHIC 2012, the Proceedings of AHIC 2012, guest-edited by Dr. Nicola Shaw, will be published and made available on CD and on the AHIC website.

PERMISSION TO PUBLISH

Please complete this form so that your paper can be published in the Conference Proceedings. (http://ahic.nihi.ca/ahic/docs/AHIC2012PermissionToPublish.doc). Should your paper be chosen to submit to a journal, it will be necessary to complete a Copyright Transfer Form. This will be supplied to you upon notification.

SCIENTIFIC PROGRAM

The Advances in Health Informatics Conference 2012 will focus on *"Informatics and Integrated Diagnostics"* and will concentrate on applied research, practice, education, and new developments in evidence-based policy development and implementation.

Speakers will be videotaped and will present to our virtual audience via an online video and web conferencing system. There will be an opportunity to attend virtually for this event. Videotaped sessions will be available also for purchase after the event.

Program Schedule
Wednesday, April 25, 2012, 8:00 AM - 5:00 PM EST – Preconference Workshops
Thursday, April 26, 2012, 8:00 AM – 5:00 PM EST - Conference
Friday, April 27, 2012, 9:00 AM – 4:00 PM EST - Conference

SUBMISSION DATES

Submission deadline (extended): December 21, 2011 – 11:59 PM EST
Notification to Authors: February 6, 2012
Submission of final camera-ready conference copy deadline: February 28, 2012

FORMATTING INSTRUCTIONS TO AUTHORS

Your submission must meet the following requirements:

- Papers must be saved as .pdf.
- File size must be less than 5MB.
- Papers received after the deadline of 11:59 PM Eastern Standard Time (EST), on the date shown on the submission date schedule, will not be considered.
- Unedited papers will be disqualified.
- *Paper size:* 8.5" x 11" with one inch margins; left, right, top, and bottom.
- *Title:* 14 point Times New Roman font, single column, bold, centred, upper and lower case using initial capitals for each word in the title other than articles and prepositions
- *Names, credentials, institutions and locations of the author(s) or panelists* should be placed below the title; exactly as they are to appear in the outline and print programs and proceedings, 12 point Times New Roman font, single-column, bold centred, upper and lower case using appropriate capitals.
- *Main text:* single-spaced in 10 point Times New Roman font, justified, two column format with 0.5 inch between columns.
- Do not number individual pages.
- Disable track changes in word processing software.
- The format of credentials and other author information appearing in the online and printed materials is subject to revision by the SPC. It is the responsibility of the first author to provide full and accurate information about all authors named.
- Reference format: Cite all references in the text, tables, or figure legends. In the text, use 8 point superscript if possible to indicate reference numbers; if not possible, use 10 point numbers in square brackets. Under a heading "References" at the end of the submission provide a list of references cited, in order of occurrence in the manuscript, and with titles using initial capital only. List all authors of any cited work when there are six or fewer authors; if more than six, list only the first three followed by "et al." Follow the Vancouver Style.
- File naming protocol: LASTNAME_FIRSTNAME.pdf

Click here for a pre-formatted document (.doc):
http://ahic.nihi.ca/ahic/docs/AHIC2012TemplateForSubmissions.doc

PAPER REVIEW

Your paper's review will include the following:

- Reviewer Comments to Author.
  - Strengths & Weaknesses.
  - Suggestion for improvements, changes/revisions.
- Indication of the themes published in the Call for Papers where your paper fits.
- Your paper rating on a Likert scale and answer the question:
  "To what extent does the paper meet these criteria?"
  - Overall originality, must be original work.
  - Methodological originality, or properly cited.
  - Completeness of discussion, includes relevant sections.

- Appropriate reference to work of others.
- Organization of paper.
- Clarity in writing, tables, graphs, illustrations (good English, style, clearly articulated ideas, captions).
- Documentation of effects/outcomes/impacts.

SUBMISSION PROCESS

Submissions shall be made through registering as an Author with EasyChair.org <u>with your paper as an attachment</u> at:

https://www.easychair.org/conferences/?conf=ahic2012

All received papers will be acknowledged. Your submission must be received before the deadline and meet the requirements stated in order to be considered.

AHIC 2012 Official Website

AHIC Official Website: http://ahic.nihi.ca