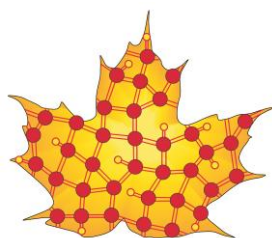


**25TH INTERNATIONAL CONFERENCE ON
AMORPHOUS AND NANOCRYSTALLINE SEMICONDUCTORS**

Nearly Half-Century of History



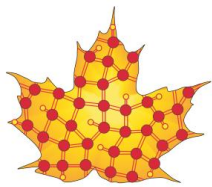
ICANS25

18 – 23 August 2013

**University of Toronto
Toronto, Canada**

<http://www.icans25.org>

***CONFERENCE OVERVIEW
&
SPONSORSHIP PACKAGE***



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BACKGROUND

The 25th International Conference on Amorphous and Nanocrystalline Semiconductors continues the series of biennial conferences that has become the principle international gathering of researchers in the field of amorphous semiconductors and related materials. The conference has a long tradition and history dating to the first meeting held in Prague in 1965. The ICANS25 is the nearly 50th year anniversary conference.

MISSION

The ICANS conference series brings together the brightest international minds from universities, research institutions, and industries across Europe, Asia, North America, Australia, South America and Africa to exchange and discuss the latest research in the field of amorphous and nanocrystalline semiconductors, including organics, oxides, materials and devices.

The conference invites leading experts in their respective fields to speak to both established scientists and engineers, and new and budding researchers.

The conference provides a venue for leading researchers to speak to students and provide them with the background knowledge and apprise them of the state-of-the-art thus providing them with the necessary tools to forge fundamental and applied advances in amorphous and nanocrystalline materials and devices.

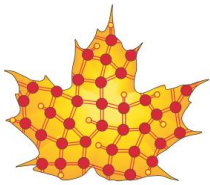
HISTORY AND SCOPE

ICANS25, the 25th International Conference on Amorphous and Nanocrystalline Semiconductors, to be held in Toronto, Canada is a biennial premier conference in the area of amorphous semiconductors and related materials, including organic and oxide semiconductors.

The ICANS conference series, though having its origins mainly in amorphous and liquid semiconductors dating back to the 1965 (Prague) meeting, in its present form covers a broad range of materials, including nanocrystalline and organic semiconductors. The topics range from the physics and chemistry of fundamental phenomena to the engineering of materials and devices.

In the last fifteen years, microcrystalline and nanocrystalline semiconductors have become a key-component of this conference, and has complemented the traditional focus on amorphous thin films such as hydrogenated Si (a-Si:H) and chalcogenides glasses.

In addition, in the last ten years, the conference has featured key sessions on amorphous and nanocrystalline oxides and organic semiconductors, and phase change memory materials. Sessions on film growth mechanisms, medium-range order, defects, metastability, electronic transport, optical properties, sensors, TFTs, and photovoltaics provide opportunities for cross-fertilization among researchers working on diverse material systems and applications.



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MOTT LECTURE



The conference has a Mott Lecture as an opening plenary talk to honor Sir Neville Mott's many contributions to this conference. Previous Mott lectures were given by, Walter Spear, Robert Street, Josef Stuke, Hellmut Fritzsche, Kazunobu Tanaka, William Paul, Ted Davis, Gerry Lucovsky, Martin Stutzmann, Lothar Ley, Akihisa Matsuda, P. Craig Taylor, Walther Fuhs, Sigurd Wagner, Jan Kočka.

The ICANS25, continuing in this tradition, will also have a Mott Lecture.

In addition, the ICANS25 will feature "The Nearly Fifty Years of ICANS Lectures" highlighting contributions to the field over the last five decades.

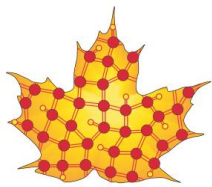
The ICANS25 meeting will also feature a full-day of tutorials on the Sunday immediately prior to the commencement of the meeting.

Sir Neville Mott, Nobel Laureate, 1977

TOPICS

The ICANS conference covers the physics and applications of amorphous, nanocrystalline and microcrystalline semiconductors, including organic and oxide semiconductors. Specific topics include:

- Hydrogenated amorphous and nanocrystalline silicon (a-Si:H) & alloys
- Preparation and properties
- Structure, defects and metastability
- Organic semiconductors
- Oxide semiconductors
- Transparent oxides
- Thin film transistors (TFTs), devices, & sensors
- Photovoltaics from materials and fabrication to device performance
- Large area electronics, and displays
- X-ray image detectors
- Carbon and related materials
- Chalcogenide glasses
- Phase change materials and applications
- Oxide TFTs and sensors
- Characterization techniques
- Theory of charge transport
- Optical properties
- Structural modeling
- Device modeling



ICANS25

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18 – 23 August 2013, Toronto, Canada
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VENUE

The conference venue will be the University of Toronto. Conference lectures and tutorials will be held in the Bahen Centre for Information Technology at the University's main St. George campus in downtown Toronto.

The plenary Mott Lecture and The Nearly Fifty Years of ICANS Lectures will be held in the McLeod Auditorium in the Medical Sciences Building, contiguously situated on the St. George campus.



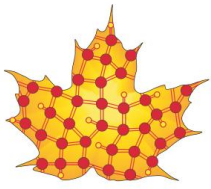
CONFERENCE CHAIRS AND CANADIAN ORGANIZING COMMITTEE

ICANS25 is the first conference in this series to be hosted in Canada.

The conference organization is Pan Canadian:

Safa Kasap, General Chair, University of Saskatchewan
Nazir Kherani, Co-Chair and Local Chair, University of Toronto
Alla Reznik, Co-Chair, Lakehead University and Thunder Bay Regional Research Institute
Andrei Sazonov, Co-Chair, University of Waterloo
John Rowlands, Co-Chair, Thunder Bay Regional Research Institute
Stefan Zukotynski, Co-Chair, University of Toronto
Zheng-Hong Lu, Vice-Chair on Organic Semiconductors, University of Toronto
Joanne Kearney, Conference Secretary, Manager University of Toronto
Dmitri Stepanov, Conference Assistant, University of Toronto
Pratish Mahtani, Conference Assistant University of Toronto
Kitty Kumar, Conference Assistant, University of Toronto
Robert Johanson, University of Saskatchewan
Stephen O'Leary, University of British Columbia, Kelowna
Hany Aziz, University of Waterloo
Peyman Servati, University of British Columbia
Karim S. Karim, University of Waterloo
Oleg Rubel, Lakehead University
Zahangir Kabir, Concordia University, Montreal
Gurinder K. Ahluwalia, College of the North Atlantic, Labrador City





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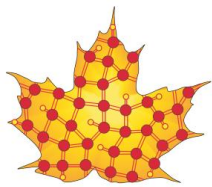
INTERNATIONAL ADVISORY COMMITTEE

Sigurd Wagner (Chair) Princeton University, USA; Sergei Baranovski, University of Marburg, Germany; Kunji Chen, Nanjing University, China; Ted Davis, University of Cambridge, UK; Stephen Elliot, University of Cambridge, UK; Hiroaki Fujiwara, Gifu University, Japan; Christian Godet, University of Rennes, France; Hideo Hosono, Tokyo Institute of Technology, Japan; Jin Jang, Kyung Hee University, Korea; Safa Kasap, University of Saskatchewan, Canada; Jan Kocka, Academy of Sciences of Czech Republic; Sandor Kugler, Budapest University, Hungary; Gerry Lucovsky, North Carolina State University, USA; Rodrigo Martins, UNINOVA, Portugal; John Robertson, University of Cambridge, UK; Pere Roca i Cabarrocas, École Polytechnique, France; Ruud Schropp, Energy Research Center of the Netherlands (ECN) and Utrecht University, the Netherlands; Robert Street, Palo Alto Research Center, USA; Martin Stutzmann, University of Munich, Germany; John Wager, Oregon State University, USA

INTERNATIONAL PROGRAM COMMITTEE

Alla Reznik (Chair, Proceedings Editor), Lakehead University and Thunder Bay Regional Research Institute, Canada; Nazir Kherani (Proceedings Editor), University of Toronto, Canada; Rana Biswas, Iowa State University, USA; Howard Branz, NREL, USA; Marcelo Carreño, University of San Paolo, Brazil; Antonin Fejfar, Academy of Sciences, Czech Republic; Friedhelm Finger, Forschungszentrum Jülich, Germany; Elvira Fortunato, Universidade Nova de Lisboa, Portugal; Hiroyuki Fujiwara, Gifu University, Japan; Subhendu Guha, Uni-Solar, USA; Mehmet Günes, Mugla University, Turkey; Min-Koo Han, Seoul National University, Korea; Koji Ishibashi, Riken, Japan; Jin Jang, Kyunghee University, Korea; Safa Kasap, University of Saskatchewan, Canada; Jean-Paul Kleider, Laboratoire de Génie Electrique de Paris, SUPELEC, France; Klaus Lips, Helmholtz-Zentrum Berlin, Germany; Seiichi Miyazaki, Nagoya University, Japan; Hiroyoshi Naito, University of Osaka Prefecture, Japan; Joon Seok Park, Samsung Advanced Institute of Technology, Republic of Korea; Jatin Rath, Utrecht University, Netherlands; Pere Roca i Cabarrocas, École Polytechnique Palaiseau, France; Eric Schiff, Syracuse University, USA; Takashi Uchino, Kobe University, Japan; Tomas Wagner, University of Pardubice, Czech Republic; Ralph Whaley, Ohio University, Athens, USA; Spyros Yannopoulos, Foundation for Research and Technology Hellas, Greece





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DETAILS OF EVENTS

LECTURES

The conference will feature the Mott Lecture and The half-century ICANS Anniversary Plenary Lectures. These lectures will be held in the McLeod Auditorium of the Medical Sciences building.

In addition, three parallel lecture sessions will be held in the lecture halls of the Bahen Centre for Information Technology building. All lecture halls are closely located on the ground floor of the building.

Each of the parallel sessions will begin with an invited lecture from a leading expert in the field, followed by contributed oral lectures.

In order to provide ample opportunity for networking, the conference registration includes lunches every day in the spacious Great Hall at Hart House on the St. George Campus – only minutes away on foot from the Bahen Centre for Information Technology and Medical Sciences buildings. Usual mid-morning and mid-afternoon refreshment breaks are also included between lecture sessions.

In addition, the spacious Bahen Centre for Information Technology building provides ample meeting areas for the conference attendees.

POSTERS

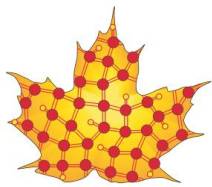
The conference includes two poster sessions, each with approximately 100 posters, which will be held on Monday and Tuesday – late afternoon – early evening. The poster sessions will be organized thematically in several “tutorial” rooms on the second floor of the Bahen Centre for Information Technology building while availing the large interconnecting hallways and rotunda.

The poster sessions are an excellent venue for scientific exchange and networking. Catering service will provide hors d’oeuvres and drinks during the poster sessions.

TUTORIALS

A series of tutorials are planned for Sunday, August 18 suitable for students and those interested in learning more about the field. There will be two plenary sessions in the morning on electronic structure and charge transport in disordered materials and photovoltaics, and three parallel sessions in the afternoon on amorphous and nanocrystalline silicon, chalcogenide semiconductors, and organic semiconductors.

The tutorial lectures will be held on the ground floor of the Bahen Centre for Information Technology building. Catering service will provide lunch, in addition to mid-morning and mid-afternoon refreshments, thus providing for a conducive learning atmosphere.



ICANS25

25th International Conference on Amorphous and Nanocrystalline Semiconductors

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WELCOMING RECEPTION

The Welcoming Reception will be held in the Quadrangle at Hart House. Hart House catering service will provide a warm welcoming barbecue to international, national and local conference attendees, setting the scientific tone of exchange of ideas for the conference.

CONFERENCE DINNER AND EXCURSION

The conference dinner (included in full conference registration) will be held in the Great Hall of Hart House. The conference dinner will be held on Thursday evening, the last evening of the conference which will be the culminating networking event. The conference dinner will include a keynote speaker.

A conference excursion to Niagara Falls (not included in the conference registration) is planned for Wednesday afternoon. The event will provide an additional networking opportunity to participants.

CONFERENCE SCHEDULE

Sunday, August 18th, 2013

- Tutorial Sessions (morning and afternoon)
- Welcoming Reception (early evening)

Monday, August 19th, 2013

- Plenary Sessions (Mott, Anniversary Lectures) (morning)
- 3 Parallel Lecture Sessions (afternoon)
- Poste Session 1 (early evening)

Tuesday, August 20th, 2013

- 3 Parallel Lecture Sessions (morning and afternoon)
- Poste Session 2 (early evening)

Wednesday, August 21st, 2013

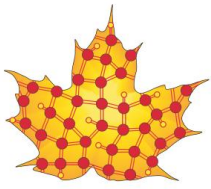
- 3 Parallel Lectures Sessions (morning)
- Excursion (afternoon – to Niagara Falls)

Thursday, August 22nd, 2013

- 3 Parallel Lectures Sessions (morning and afternoon)
- Conference Dinner (evening)

Friday, August 23rd 2013

- 3 Parallel Lectures Sessions
- Anniversary Lectures, Conference Closing



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WHY YOUR INVOLVEMENT AND SUPPORT IS IMPORTANT?

The ICANS25 Conference, coming to Canada for the first time, will bring together world leaders from academia and industry to present, discuss and debate the fundamental and applied state-of-the-art in amorphous and nanocrystalline materials and devices.

Materials and devices developments at the amorphous and nano levels comprise “technology enablers” which drive the high-tech sectors.

This event will provide a networking venue that will foster scientific and technological learning, inspire novel ideas, and establish collaborations that will positively impact the economic landscape – locally, nationally and internationally.

The ICANS25 Conference anticipates the participation of 300 delegates, including regular and student registrants.

HIGHLIGHTS OF THE WEEK LONG CONFERENCE

- Exhibitions (corporate and institutional sponsors) in the large hallways of the Bahen Centre for Information Technology building during the entire conference
- All-day Sunday Tutorial Lectures for students and interested participants
- A series of invited internationally renowned speakers and contributed oral talks from leaders in the field
- Two interactive poster sessions with approximately 100 posters each
- Interactive Lunches catered in the Great Hall of Hart House
- Welcoming Barbecue Reception and Conference Dinner at Hart House

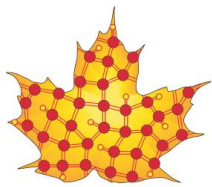
HOW TO GET INVOLVED?

DONATIONS

Monetary contributions are an essential part of this non-profit conference. The generosity of sponsors in the host country makes this premier conference a success. Investing in the conference ultimately drives the economic and social well-being at the local, national and international levels – impacting students, industry, governmental and non-governmental institutions, and academia.

Below a list of sponsorship benefit packages are described. The packages provide sponsors the opportunity to exhibit and market at the conference. Additionally, we will customize a sponsorship package to tailor the benefits to match your needs.

Product donations, including promotional material, are an excellent opportunity to advertise your products. These will be distributed to delegates through the delegate bag.



ICANS25

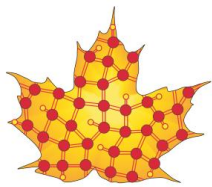
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SPONSORSHIP PACKAGES

	Diamond Sponsorship \$5,000+	Platinum Sponsorship \$3,000+	Gold Sponsorship \$1,750+	Silver Sponsorship \$1,250+	Bronze Sponsorship \$600+
<i>Logo on conference website with link to sponsor's website</i>	Premium Placement	Premium Placement	Top Position	Yes	Yes
<i>Logo in conference program book</i>	Premium Placement	Premium Placement	Top Position	Yes	Yes
<i>Collateral insert / corporate flyer into conference bag</i>	2	2	1	1	1
<i>Exhibition/Display Table</i>	Yes	Yes	Yes	Yes	No
<i>Literature on conference display table (shared)*</i>	No	No	Yes	Yes	Yes
<i>Announced at the conference opening as a supporting sponsor</i>	Yes	Yes	Yes	No	No
<i>Logo on standing banners in conference areas</i>	3	3	2	1	1
<i>Announced as sponsor of Plenary and Tutorial Sessions</i>	Yes	Yes	No	No	No
<i>Announced as sponsor of Tutorial Session</i>	No	No	Yes	No	No
<i>Announced as sponsor of Poster Session</i>	No	No	No	Yes	No
<i>Announced as a sponsor of a Technical or Lunch Session</i>	No	No	No	Yes	No
<i>Full Conference Registration</i>	1	0	0	0	0
<i>20% Discount on Conference Registrations</i>	5	3	1	0	0

*Shared Exhibition/Display Tables for Gold, Silver and Bronze will be manned by conference assistants, and the corporate sponsor need not be present.



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CONTACT

To place your order or to get more information, please contact:

Joanne Kearney, Conference Secretary
University of Toronto
10 King's College Road
Toronto, Ontario M5S 3G4
Email: jo.kearney@utoronto.ca
Tel. 416-978-3397

SIGN UP FORM

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- Silver Sponsorship Package \$1,250
- Bronze Sponsorship Package \$ 600
- Other Monetary Amount _____

Please send the sign-up form and a cheque made out to "University of Toronto – ICANS25" to the attention of Joanne Kearney at the address noted above. Alternatively, you may email the form and call-in (telephone number noted above) with your Credit Card particulars.