

SECOND ANNOUNCEMENT

SPINOS 2009

Salt Lake City, Utah, USA
University of Utah campus
4-7 February 2009

2nd Topical Meeting
on Spins in Organic Semiconductors

<http://www.physics.uiowa.edu/~spinos2009>



Welcome to SPINOS 2009

On behalf of the organizing committee we have the pleasure to invite you to participate in the 2nd Topical Meeting on Spins in Organic Semiconductors (SPINOS 2009) to be held in Salt Lake City, Utah on 4-7 February 2009. This is the second meeting in a new series of conferences; the first meeting was held in Bologna, Italy (September, 2007).

This conference is concerned with the scientific investigation of the behavior of electronic spins in organic semiconductors (see background, scope). Recent advances in the emerging fields of organic spintronics and magnetic field effects in organic films and devices call for a timely conference on this subject. In addition, the science of singlet and triplet states in organics and spin-exchange between them, and the related topic of organic electrophosphorescence have seen many contributions from research groups around the world. The event will provide a great opportunity for physicists, device engineers and chemists to meet and discuss ideas, solutions and future issues relating to the scientific study and technical implementation of organic semiconductor devices whose functionality is based on spins. The program is scheduled to provide room for open discussion and interaction.

Sincerely,

Arthur Epstein, Ohio State University

Darryl Smith, Los Alamos National Laboratory

Z. Valy Vardeny, University of Utah

Markus Wohlgenannt, University of Iowa

Background

Scope:

This meeting deals with the science and technology of spins in organic semiconductors. The systems of interest include pi-conjugated polymers and small molecules, single molecule devices, and related fullerenes, nanotube and graphene devices. Both theoretical and experimental works are of interest.

Major areas to be emphasized include:

- Organic spin-valve devices; single molecule spin valves.
- Spectroscopy of spin-injection.
- Theory of spin-injection and -transport in organics
- Magnetoresistance in organic and carbon-based devices.
- Magnetic field effects in organic materials and devices, such as OLEDs, organic photovoltaics and organic-based transistors.
- Theory of magnetoresistance and magnetic field effects in organics.
- Triplet spectroscopy in films and devices.
- Optically/electrically detected magnetic resonance.
- Singlet to triplet spin interconversion.
- Organic magnets as related to spintronics materials.
- Organic magneto-optics and spin-dependent photoemission.

Conference web-page

<http://ostc.physics.uiowa.edu/~spinos2009/>

Organizing committee

Markus Wohlgenannt, U. of Iowa, conference chairman
Arthur Epstein, Ohio State University
Darryl Smith, Los Alamos National Laboratory
Z. Vally Vardeny, University of Utah

Local committee

Z. Vally Vardeny, C. Boehme, Ch. Grissom, J. Lupton, J. Miller., E. Mischenko, M. Raikh (all Utah)
B. Hess (BYU)

Program committee

Arthur Epstein, Ohio State University
Sumit Mazumdar, University of Arizona
Joel Miller, University of Utah, (unconfirmed)
Darryl Smith, Los Alamos National Laboratory
Sergei Tretiak, Los Alamos National Laboratory
Z. Vally Vardeny, University of Utah
Markus Wohlgenannt, University of Iowa

International advisory committee

K. Awaga, Japan
D. Awschalom, USA
P.A. Bobbert, The Netherlands
Y. Cao, China
A. Dediu, Italy
E. Ehrenfreund, Israel
M.E. Flatte, USA
S.R. Forrest, USA
R.H. Friend, UK
W. Gillin, UK
C. Graeff, Brazil
A.J. Heeger, USA
B. Hu, USA
T. Ikoma, Japan
X.M. Jiang, USA
A. Köhler, Germany
Z. Kafafi, USA
B. Koopmans, The Netherlands
S. Mazumdar, USA
A. Monkman, UK
J. Moodera, USA
R. Österbacka, Finland
Y. W. Park, Korea
S. Ramasesha, India
M. Shiraishi, Japan
U. Scherf, Germany
G. Schmidt, Germany
J. Shinar, USA
Z. Shuai, China
C. Taliani, Italy
M. Thompson, USA
Y. Tokura, Japan

Conference venue

The conference is held at the University Guest House & Conference Center (<http://www.guesthouse.utah.edu/>). Please refer to the web-page for housing registration.



The University Guest House is located in the Historic Fort Douglas section of the University of Utah Campus. The Fort Douglas stop on the Trax (Public Transportation) Line is within walking distance. The guest house is located on Salt Lake City's east side and 10 miles from Salt Lake City International Airport.

Lodging

Lodging is available at the Guest House. The room rate for conference attendees is \$80 per night for a single or double room, including a lunch voucher. Free Wi-Fi and parking. The Marriott-University Park hotel is located 1 mile from the conference venue as an alternative. **To book a room at the Guest House, please go to the conference web-page and follow the registration and housing link, then click on “For hotel information click here”. Please make sure to mention that you will be attending SPINOS09. To book a room at another hotel, please contact this hotel directly.**

Welcome to Salt Lake City

Tourist Information

For general information about sightseeing, accommodations, restaurants, and shopping in Salt Lake City, visit the Salt Lake Convention & Visitors Bureau (<http://www.visitsaltlake.com/>) Salt Lake City International Airport (<http://www.slairport.com/>) TRAX (Utah Transit Authority), +1-801-262-5626



Weather and Climate



The average maximum daytime temperature for Salt Lake City in February is 45 °F, the average low is 24 °F, with an average snowfall of 10 inches/month.

Accessibility for Registrants with Special Needs

SPINOS 2009 is committed to making the meeting accessible to all people interested in attending. If you need auxiliary aids or services because of a disability, check the appropriate box on the registration form. If you have suggestions or need further information, contact val@physics.utah.edu.

Tours

Ski packages as well as local tours will be available through the University Guest House.

Conference format

The conference program will consist of keynote and invited speakers, contributed talks and posters. There will be no parallel sessions. The single poster session will be held in the evening after an afternoon off for skiing. The talk sessions will be held during one full day, and several morning and evening sessions, again with an afternoon intermission for skiing or sightseeing.

Registration fees:

The registration fees are:

Professional Participant: before Dec. 15th: \$450, thereafter: \$500

Student: before Dec. 15th: \$200, thereafter: \$250

Important dates

Abstract submission deadline is 31 October, 2008.

The conference dates are 4-7 February, 2009.

Proceedings:

Selected papers presented at the conference will be published in a volume of Synthetic Metals. The papers will be refereed.

Contact Information

To receive more information about SPINOS 2009 and the Second Announcement please contact:

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