

Weekly Bulletin

Research School of Physics and Engineering



Volume 35 Number 27
17 – 23 July 2009

SCHOOL SEMINARS

Theoretical Physics Seminar

Wednesday 22 July 2009

2.00pm

“Mesoscopic Transport: Physics and Mathematics”

by Professor Mukunda Das, Theoretical Physics

Room L3.17 Le Couteur Building

ALL WELCOME

Laser Physics Centre Seminar

Thursday, 23 July 2009

11.00am

“Localization and enhancement of phase locked second and third harmonic in absorbing semiconductors”

by Mr Vito Roppo, Universidad Politécnic de Cataluña, Barcelona, Spain

Link Building Seminar Room, Oliphant Building

COSNet Seminar

Thursday 23 July 2009

2 00pm

“Stirring and Transport in Incompressible Flows and Maps”

by Professor James D Meiss, Department of Applied Mathematics University of Colorado, USA

Link Building Seminar Room, Oliphant Building

ALL WELCOME

STAFF MOVEMENTS

Professor Steve Buckman, Drs Dan Slaughter and Julian Lower and PhD student Adric Jones (CAMS/AMPL) will attend the 26th International Conference on Photonic, Electronic and Atomic Collisions in Kalamazoo, Michigan from 21-28 July. Professor Buckman will present an invited talk. Following this meeting, which is the major, bi-annual international atomic collisions meeting, a number of CAMS personnel will also attend topical satellite meetings in Toronto, Canada and Lexington, Kentucky.

GRANTS & AWARDS

Australasian Institute of Mining and Metallurgy

Program Number: 88712

Title: Bicentennial Gold 88 Endowment

E-mail:

Web Site: <http://www.ausimm.com>

Program URL:

<http://www.ausimm.com.au/Content/default.aspx?ID=153>

The sponsor provides funding for the advancement of education and research in Earth Sciences to the benefit of Economic Geology in Australia.

Deadline(s): 30/09/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?88712

Optical Society of America

Program Number: 60413

Title: Leadership Award--New Focus/Bookham Prize

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/newfocusbookham/default.aspx>

This award recognizes an individual or group of optic professionals who has made a significant impact on the field of optics and/or made a significant contribution to society.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60413

Optical Society of America

Program Number: 60414

Title: Adolph Lomb Medal

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/adolphlomb/default.aspx>

This award is presented to a person who has made

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a noteworthy contribution to optics at an early age.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60414

Optical Society of America

Program Number: 60415

Title: David Richardson Medal

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/davidrichardson/default.aspx>

This award recognizes those who have made significant contributions primarily to optical engineering, primarily in the commercial and industrial sector.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60415

Optical Society of America

Program Number: 60416

Title: R.W. Wood Prize

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/rwood/default.aspx>

This award recognizes an outstanding discovery, scientific or technical achievement, or invention in the field of optics.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60416

Optical Society of America

Program Number: 60417

Title: Frederic Ives Medal/Jarus W. Quinn

Endowment

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/vesquinn/default.aspx>

This award recognizes overall distinction in optics.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60417

Optical Society of America

Program Number: 60418

Title: Esther Hoffman Beller Medal

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/estherbeller/default.aspx>

The award is presented for outstanding contributions of optical science and engineering education. Consideration is given to outstanding teaching and/or original work in optics education that enhances the understanding of optics.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60418

Optical Society of America

Program Number: 60419

Title: Distinguished Service Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/distinguishedservice/default.aspx>

An award is presented to individuals who, over an extended period of time, have served the Optical Society of America in an outstanding way, especially through volunteer participation in its management, operation or planning in such ways as editorship of a periodical, organization of meetings, or other service to the Society.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60419

Optical Society of America

Program Number: 60420

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Title: Edwin H. Land Medal

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/edwinland/default.aspx>

The award recognizes pioneering work empowered by scientific research to create inventions, technologies, and products.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60420

Optical Society of America

Program Number: 60422

Title: Max Born Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/maxborn/default.aspx>

The award is presented to a person who has made outstanding contributions to physics in general and to optics in particular.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60422

Optical Society of America

Program Number: 60423

Title: Joseph Fraunhofer Award/Robert M. Burley Prize

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/fraunhoferburley/default.aspx>

The award was established to recognize significant accomplishments in the field of optical engineering.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60423

Optical Society of America

Program Number: 60424

Title: Nick Holonyak, Jr. Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/nickholonyak/default.aspx>

The award is presented to an individual who has made significant contributions to optics through the development of semiconductor-based light-emitting diodes and semiconductor lasers.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60424

Optical Society of America

Program Number: 60426

Title: Ellis R. Lippincott Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/ellislippincott/default.aspx>

The award is presented to an individual who has made significant contributions to vibrational spectroscopy as judged by his or her influence on other scientists.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60426

Optical Society of America

Program Number: 60427

Title: William F. Meggers Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/meggersaward/default.aspx>

The award is presented for outstanding work in spectroscopy.

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Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60427

Optical Society of America

Program Number: 60429

Title: Edgar D. Tillyer Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/edgartillyer/default.aspx>

An award is presented not more than once every two years to a person who has performed distinguished work in the field of vision, including (but not limited to) the optics, physiology, anatomy, or psychology of the visual system.

Deadline(s): 01/10/2009

DEADLINE NOTE

This award is presented in even years only.

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60429

Optical Society of America

Program Number: 60433

Title: Charles Hard Townes Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/charlestownes/default.aspx>

The award is given to an individual or group of individuals for outstanding experimental or theoretical work, discovery, or invention in the field of quantum electronics.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?60433

Optical Society of America

Program Number: 93539

Title: Emmett N. Leith Medal

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

[orm/AddAwardNomination.aspx](http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/leith/default.aspx)

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/leith/default.aspx>

The sponsor provides an award to recognize seminal contributions to the field of optical information processing.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?93539

Optical Society of America

Program Number: 97411

Title: Herbert Walther Award

E-mail: awards@osa.org

Web Site:

<http://www.osa.org/aboutosa/awards/osaawards/nominationform/AddAwardNomination.aspx>

Program URL:

<http://www.osa.org/aboutosa/awards/osaawards/awardsdesc/Walther/default.aspx>

An award is given to recognize distinguished contributions in quantum optics and atomic physics as well as leadership in the international scientific community.

Deadline(s): 01/10/2009

Link to full program description:

http://australia.infoed.org/spin/spin_prog.asp?97411