

# ACOLS 2001

## ABOUT THE CONFERENCE

ACOLS 2001 is the fifth conference in the ACOLS series. It incorporates

- ▶ the 14<sup>th</sup> Australian Optical Society Conference,
- ▶ the 10<sup>th</sup> Australian Laser Conference,
- ▶ the 20<sup>th</sup> Australian Spectroscopy Conference.

ACOLS 2001 is the region's showcase of research and development in all aspects of optics, lasers and spectroscopy, and provides a broad forum for discussion of these important areas at the modern facilities of the University of Queensland.

Each day will feature general interest plenary talks from speakers of high international standing followed by parallel oral sessions with both invited and contributed papers. Two poster sessions will also be held in the same venue.

## TECHNICAL EXHIBITION

A technical exhibition is being planned in conjunction with the conference. Our aim is to feature leading Australasian suppliers of equipment in the field of optics, lasers and spectroscopy. The exhibition will be held in the Heith Room at the University of Queensland, close to the conference lecture theatres.

## ORGANISING COMMITTEE

**Chair:** Prof. H. Rubinsztein-Dunlop (Queensland)

**Treasurer:** Dr. M. Friese (Queensland)

**Secretary:** Dr. H. Wiseman (Griffith)

**Technical Exhibition:** Dr. R. Sang (Griffith)

**Program Chair:** Prof. W. MacGillivray (Griffith)

## PROGRAM COMMITTEE

Prof. G. Milburn (Queensland)

Prof. A. Knight (Griffith)

Prof. K. Nugent (Melbourne)

Prof. J. Harvey (Auckland)

## COURSES AND STUDENT PRIZES

The Optical Society of America (OSA), the International Society for Optical Engineering (SPIE), and the Australian Optical Society (AOS) will combine to sponsor a short course at ACOLS 2001 at reduced registration fees for members of these societies.

The SPIE and the OSA will combine to provide a prize for the best student presentation at ACOLS 2001. The prize is \$2500 in travel support to one Societies' managed meeting or conference in 2002.

More details will be available in the Call for Papers (available on the ACOLS 2001 WEB page in May).

## INVITED PLENARY SPEAKERS

- ▶ **Mark Kasevich**, Yale, USA  
Atom interferometry (Frew Lecturer)
- ▶ **Anthony Johnson**, New Jersey Institute of Technology  
Ultrafast optical phenomena (OSA Lecturer)
- ▶ **Eleanor Campbell**, University of Göteborg  
Collisions of fullerenes
- ▶ **Hideo Mabuchi**, California Institute of Technology  
Quantum Measurements (Coherent Scientific Lecturer)
- ▶ **James A. Harrington**, Rutgers University  
Infrared optical fibres (SPIE Lecturer)
- ▶ **Deborah M. Kane**, Macquarie University  
Integrated semiconductor lasers
- ▶ **Anthony Legon FRS**, University of Exeter  
Rotational and vibrational spectroscopy
- ▶ **Motoichi Ohtsu**, Tokyo Institute of Technology  
Microscopy

## THE VENUE

ACOLS 2001 will be held on the campus of the University of Queensland ([www.uq.edu.au](http://www.uq.edu.au)), featuring 20 hectares of parklands and lakes. The University is situated within the city of Brisbane, the capitol of Queensland with convenient access to international and domestic airports, and the beaches and rainforests of the Gold Coast and hinterland. Brisbane also serves as the jumping off point for the Great Barrier Reef.

## ACCOMMODATION

Accommodation is available on campus in comfortable budget rate university student colleges at approximately AU\$35 per night for bed and breakfast, or in nearby hotels.

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## DEADLINES

*Important dates leading up to the conference:*

**First Announcement:** April 2001

**Call for Papers:** May 2001

**Registration Form available:** July 2001

**Submission of Abstracts:** 1 September 2001

**Registration:** 2 November 2001

**Notification to Authors:** 15 October 2001

## DELEGATE FEEDBACK

If you are thinking of attending the conference or would like to receive the Second Announcement and Call For Papers, please take a few moments to add yourself to our mailing list using the Conference web site below. The link includes some other questions about your intentions at this stage. Your answers would be appreciated as they will help in planning the conference.

## REGISTRATION

REGISTER your interest in attending ACCOLS 2001 with the local secretariat or via the conference web page (see below).

The SECOND NOTICE and CALL FOR ABSTRACTS will be posted to the conference website by July 2001.

## CONTACTS

ACCOLS 2001

Local secretariat

c/o Department of Physics

Ms. J. Hughes

University of Queensland

Brisbane, Queensland 4072, Australia

e-mail: [acols01@physics.uq.edu.au](mailto:acols01@physics.uq.edu.au)

## ACCOLS 2001 WEB SITE

<http://www.physics.uq.edu.au/acols2001/>



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## ACOLS 2001: Australasian Conference on Optics and Laser Spectroscopy



**3-6 December, 2001**

University of Queensland  
Brisbane, Queensland, Australia