

19 January 2010

Dear Colleague,

The 22nd International Conference on Atomic Physics (ICAP2010) (<http://www.swin.edu.au/icap2010>) will be held from 25-30 July 2010 in Cairns, Tropical North Queensland, Australia - gateway to the Great Barrier Reef, Atherton Tableland and the famous World Heritage rainforests of the Daintree and Cape Tribulation.

The conference will present an outstanding program of invited speakers and contributed posters covering the most recent advances in the broad field of atomic physics, including atomic tests of fundamental physics and basic symmetries; precision measurements (including atomic clocks, atom interferometers and fundamental constants); ultracold gases and Bose Einstein Condensates; ultracold Fermi gases; ultracold molecules; quantum simulators with atoms and ions; few-body systems; quantum information with atoms and ions; quantum optics and cavity QED with atoms; hybrid and optomechanical systems; and ultrafast phenomena and free electron lasers.

The following have accepted invitations to give talks: Frédéric Chevy (Paris), John Close (Canberra), Jean Dalibard (Paris), Eugene Demler (Harvard), Markus Drescher (Hamburg), Michael Doser (CERN), Francesca Ferlaino (Innsbruck), Victor Flambaum (Sydney), Chiara Fort (Florence), Roy Glauber (Harvard), Chris Greene (Boulder), Markus Greiner (Harvard), Eric Hessels, (Toronto), Hidetoshi Katori (Tokyo), Wolfgang Ketterle (MIT), Wu-Ming Liu (Beijing), Francesco Minardi (Florence), Hanns-Christoph Nagerl (Innsbruck), Silke Ospelkaus (JILA), Bill Phillips (NIST), Eugene Polzik (Copenhagen), Cindy Regal (Caltech), Jakob Reichel (Paris), Helmut Ritsch (Innsbruck), Christian Roos (Innsbruck), Christophe Salomon (Paris), Gora Shlyapnikov (Orsay), Masahito Ueda (Tokyo), Chris Vale (Melbourne), Andreas Wallraff (Zurich), Matthias Weidemuller (Heidelberg), Artur Widera (Bonn), Dave Wineland (Boulder).

Contributed papers will be presented in active poster sessions.

A number of satellite meetings, workshops and related conferences are planned for the weeks before and after ICAP2010: ICAP Student Workshop at Cape Tribulation, 140 km north of Cairns (21-23 July); Workshop on Variation of the Fundamental Constants in Cairns (24-25 July); XXIV International Conference on Statistical Physics (STATPHYS 24) in Cairns (19-23 July); Tenth Quantum Communication, Measurement and Computation Conference (QCMC2010) in Brisbane (19-23 July, 2010); and Twelfth International Conference on Slow Positron Beam Techniques (SLOPUS 12) on Magnetic Island, North Queensland (1-6 August). These are listed on the conference website.

Venue

ICAP 2010 will be held in the Cairns Convention Centre on the Cairns waterfront. Cairns is a tropical city of about 140,000 people (latitude 19 degrees south) with daytime temperatures around 25 degrees Celsius (77 degrees Fahrenheit) in July. Attractions include scuba diving, snorkelling, sailing, water rafting, canoeing, hot air

ballooning, aboriginal culture, and exotic Australian wildlife. For tourist information about Cairns, see <http://www.queenslandholidays.com.au/destinations/tropical-north-queensland/>.

Important Dates:

29 March, 2010: Early registration ends

31 May, 2010: Abstract submission deadline for contributed papers

28 June, 2010: Regular registration ends

16 July, 2010: Postdeadline submission ends

25-30 July, 2010: ICAP2010, Cairns, Australia

Registration

On-line registration will be available on the conference website shortly.

Accommodation

Various levels of accommodation is available, ranging from hotels to apartments to backpackers. Details will be available on the conference website shortly.

Travel to Cairns

Cairns is about 2700 km north of Sydney and 1700 km north of Brisbane. There are many domestic connections to Cairns for international flights that arrive in other Australian cities, e.g., Brisbane, Sydney or Melbourne. A limited number of international flights land at Cairns; these include flights from Singapore and Japan (Jetstar), Hong Kong (Cathay Pacific) and North America via Auckland (United).

Social Program and Accompanying Persons' Program

A full social program and accompanying persons' program is planned including an excursion to the Great Barrier Reef on the Saturday after the conference.

Please circulate this announcement to other colleagues working in the field.

We look forward to seeing you in Cairns.

Best regards,

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