

Dear Colleague,

The 22nd International Conference on Atomic Physics (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 (<http://www.swin.edu.au/icap2010>).

Following the tradition of ICAP, 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, such as atomic tests of fundamental physics, precision measurements (including atomic clocks and fundamental constants), laser spectroscopy, ultracold atoms and molecules, Bose-Einstein condensates, ultracold Fermi gases, atoms in optical lattices, quantum information processing with atoms and ions, quantum optics and cavity QED with atoms, and ultrafast phenomena and intense field interactions. A number of Nobel laureates in the field, including Roy Glauber, Wolfgang Ketterle and Bill Phillips, will be giving talks.

Contributed papers will be presented in active poster sessions. Scheduling will allow significant time for informal discussions. A full social program and accompanying persons' program is planned including an excursion to the Great Barrier Reef on the Saturday after the conference. A number of satellite meetings are planned for the week preceding ICAP2010. These are listed below.

Please circulate this announcement to colleagues working in the field.

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.

21-23 July, 2010: ICAP Student Workshop at Cape Tribulation, 140 km north of Cairns.

24-25 July, 2010: Workshop on Variation of the Fundamental Constants in Cairns (Victor Flambaum, University of New South Wales; Peter Schwerdtfeger: Auckland University).

19-23 July, 2010: XXIV International Conference on Statistical Physics (STATPHYS 24) in Cairns (<http://www.ms.unimelb.edu.au/~statphys24/website/>)

19-23 July, 2010: Tenth Quantum Communication, Measurement and Computation Conference (QCMC2010) in Brisbane (<http://qcmc2010.org>).

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).

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We look forward to seeing you in Cairns.

Best regards,

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