

5th International Conference on Hyperons, Charm and Beauty Hadrons (BEACH2002)

June 25-29, 2002 - University of British Columbia

Vancouver, Canada



BULLETIN 2 - February 2002

GENERAL INFORMATION

The Fifth International Conference on Hyperons, Charm and Beauty Hadrons will be held at the University of British Columbia, in Vancouver, Canada from June 25-29, 2002. This is the fifth in a series of Particle Physics meetings that started in 1995 in Strasbourg, France. With the great interest in heavy flavour physics and hyperons, it was desirable to organize a bi-annual meeting at which the community of High Energy Physicists, both experimentalists and theorists, could get together, interact and discuss topical issues at a 4 day conference. This conference is now an established meeting, with only plenary sessions, held every 2 years. The past 3 meetings have each attracted between 110-150 participants and were deemed successful by participants.

This year's conference will take place on the beautiful University of British Columbia campus in the Pacific Northwest, overlooking English Bay and Vancouver's North Shore Coastal mountains. The conference format will be 4 1/2 days of plenary talks (approximately 70 talks). There will be a half-day off midweek, with an optional organized excursion up the Grouse Mountain Skyride (a tramway for hikes and views of Vancouver and the Gulf Islands), the Capilano River Canyon Suspension Bridge, and a Paddlewheeler cruise on Vancouver's English Bay. Or participants may choose to take the half-day to visit some of Vancouver's sights and restaurants and for physics discussions with colleagues. The conference concludes early Saturday afternoon with the Summary Talk by Jonathan Rosner (Enrico Fermi Institute & University of Chicago).

SCIENTIFIC PROGRAM

The Conference brings together theorists and experimentalists to present and discuss latest results and prepare strategies for future experiments to be conducted at forthcoming accelerators and experimental facilities. A balance between theoretical and experimental talks is being pursued. Our scientific policy aims to cover a broad range of physics topics and we encourage all members of the high-energy community, from graduate students to senior researchers, to participate in the Conference by making a presentation, attending the sessions, and exchanging ideas with colleagues.

A non-exhaustive list of topics follows:

- CP violation in B decays,
- Heavy quark physics at hadron colliders,
- Heavy quarkonium production and decay,
- Heavy Quark Effective Theory,
- Lattice QCD and non-relativistic QCD,
- Precise electroweak measurements (tests of the Standard Model and beyond),
- Heavy quark spectroscopy,
- Hyperon Physics,
- New experimental facilities and projects.

Talks will typically be classified as review talks (20-30 minutes) or short contributions (10-20 minutes). We have aimed to create an informal atmosphere among participants, with plenty of opportunity for discussions and forming contacts. Talks from major experimental groups in the fields of heavy quark and hyperon physics have been arranged. Jonathan Rosner (Enrico Fermi Institute and the University of Chicago) will close the conference with his Summary Talk.

CONFERENCE WEBSITE

All conference materials, including registration, accommodation reservation, abstract submission, and conference program, as well as links to weather, logistics, tourism, dining and transportation are available on the conference website: <http://beach2002.physics.ubc.ca>

REGISTRATION

Conference registration is available online via the conference website. Early registration (by May 15, 2002) is Cdn \$410 (approximately US\$ 260) while registration after May 15 will be Cdn\$ 460 (approximately US\$ 290). Proceedings, sessions, coffee breaks and refreshments, Reception and Banquet are all included in the registration fee. Canada's Institute of Particle Physics is generously subsidizing graduate student registrations, so that the first 20 graduate students will register for half price, Cdn\$205 (approximately US\$ 130). The registration check-in desk will open Monday evening June 24 at the UBC Conference Center and will continue during the morning sessions at the conference auditorium the first 3 days of the conference.

ABSTRACT SUBMISSION

Abstracts are being accepted online via the conference website. The deadline for abstract submission is May 15, 2002.

ACCOMMODATIONS

On-campus accommodations have been reserved, with single rooms, premium single rooms, studio suites and one-bedroom suites available. Suites have kitchenette, telephone, TV and sitting room/working space. Additionally, a limited number of downtown Vancouver hotel rooms have been reserved at conference rates. On-campus accommodation will be released on May 20, and downtown hotel rooms will be released on April 25. Vancouver/Whistler is a popular summer vacation destination and launch port for many BC/Alaska cruise ships, so booking accommodation by May 20, 2002 is strongly advised, as summer accommodations are difficult to find at the last moment. Full details on accommodations and online reservations are on the conference website.

PROCEEDINGS

The proceedings of this conference will be published in Nuclear Physics B (Proceedings Supplements) and will be peer-reviewed. Traditionally, publication of the proceedings has been rapid and the publisher is guaranteeing publication by April 1, 2003. A volume of the proceedings will be provided to every participant, with the cost included in the registration fee.

CONFERENCE BANQUET

The conference banquet will be a salmon barbecue on the cliffs overlooking English Bay and the North Coast Mountains at the UBC Museum of Anthropology, which will be open all evening for participants to tour. The Museum has an exceptional Northwest Coastal First Nations collection: impressive artwork, totem poles and historical artifacts of the aboriginal peoples of the Pacific Northwest.

COMPUTER FACILITIES

Computer terminals will be available in the Physics and Astronomy Department during daytime and early evening hours.

DEVELOPING NATIONS DELEGATES

This conference series has traditionally covered local expenses for a limited number of delegates from developing nations, and up to four will be considered for this conference. Applications for coverage of local expenses must include a cover letter, a submitted abstract and a letter from the Head or Director of the applicant's institute specifying that all transportation to and from Vancouver will be covered by the home institute. Applications should arrive to BEACH2002 c/o Janis McKenna, Dept of Physics and Astronomy UBC, Vancouver BC, V6R 2C7 by mid-March for consideration. Applications from North America, western Europe and Japan will not be considered.

CONFERENCE HISTORY

1995 Strasbourg, France
1996 Montreal, Canada
1998 Genoa, Italy
2000 Valencia, Spain
2002 Vancouver, Canada

ORGANIZING COMMITTEE

Janis McKenna, University of British Columbia (Chair)
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