

BULLETIN # 1

12th International Conference on B-Physics at Hadron Machines (BEAUTY 2009)

7th-11th September 2009

Institute of Physics,
Heidelberg University, Germany

Conference web site: <http://beauty2009.physi.uni-heidelberg.de>

Conference E-mail: beauty2009@physi.uni-heidelberg.de

The 12th International Conference on B-Physics at Hadron Machines (BEAUTY 2009) will be held from **September 7th - 11th 2009** at the [Institute of Physics \(Physikalisches Institut\)](#), Heidelberg University, Germany.

The first BEAUTY conference took place at Liblice Castle, Czech Republic in 1993, the most recent at Keble College (Oxford), UK in 2006 (<http://www.physics.ox.ac.uk/Beauty2006>). The purpose of Beauty 2009 is to review results in the field of B-physics and CP-violation, as well as to explore the physics potential of upcoming B-physics experiments with a focus at hadron machines. The conference is an excellent opportunity to summarize the status of the field and the readiness of the LHC detectors at the start of the LHC data-taking. The proceedings of the conference will be published as open access online proceedings (POS).

General conference information

The conference will cover the following topics:

1. Review of Tevatron B-physics results;
2. Review of e+e- B-factory results;
3. Review of recent charm results;
4. Theoretical status and prospects of B-physics, including related flavor physics;
5. Status of the LHC experiments, B-physics performance and expectations, preparation for LHC data taking;
6. Next generation B-experiments;

Further details of the scientific programme will be available in the Bulletin #2.

All presentations will be invited plenary talks, from both experiment and theory, distributed over [nine half-day sessions](#). An excursion outside of Heidelberg is planned for the Wednesday afternoon.

The conference venue

The conference is held in the main auditorium of the Institute of Physics, located at the Philosopher's Walk one of Heidelberg's tourist attractions, in walking distance from the city centre. The Philosopher's Walk derives its name from Heidelberg's philosophers and university teachers who walked and talked here. Even today, this famous and inspiring path offers new sights and insights.

The building of the Institute of Physics was erected between 1907 and 1912 for Nobel Laureate Philipp Lenard. His successors (among others Walter Bothe, Hans Kopfermann and Otto Haxel) developed the institute to an internationally recognized centre for atomic, nuclear and elementary particle physics.

Social events and Banquet

Monday 7th September: Evening – Welcome Barbeque in the institute garden.
Tuesday 8th September: Evening – Concert in memory of Prof. Peter Schlein, with music by Irvine Schlein.
Wednesday 9th September: Afternoon – Conference excursion: [Visit of Speyer](#) Romanesque Cathedral and Jewish Courtyard, and the [Heidelberg Castle](#).
Thursday 10th September: Evening – Reception and banquet in “Palais Prinz Carl”.
Friday 11th September: Farewell.

Abstracts and Proceedings

- The proceedings will be published as open access online proceedings ([Proceedings of Science](#)). Papers cannot be accepted if they have been published elsewhere.
- Speakers are requested to submit an abstract of their presentation, one month in advance of the conference.
- Instructions for submission of proceedings will be given during the conference

Accommodation

Heidelberg is a very popular town for visitors. We therefore have reserved a sufficient number of hotel rooms of different price categories (A: - 80 EUR/night, B: 80 – 100 EUR/night, C: 100 – 120 EUR/night). All hotels are in the centre of the town. We advice participants to profit from the reservation and to book a hotel room when registering for the conference. We regret that participants registering later have to make their own booking arrangements. In this case please use an [online hotel booking](#) agency or contact the Heidelberg [tourist office](#) for help.

Conference secretary:

Conference Secretary: Christine Weidinger
Address: Institute of Physics, Philosophenweg 12, 69120 Heidelberg, Germany
Secretariat e-mail: beauty2009@physi.uni-heidelberg.de
Tel.: +49 6221 549222
Fax: +49 6221 549262

E-mail and Laptop Service

A limited number of PCs will be available in the institute for participants to read their e-mail. There will also be wireless network connection everywhere in the institute building. A limited number of Ethernet plugs will also be provided.

Getting to Heidelberg

By plane: If travelling by plane, the nearest airport is Frankfurt (FRA). From Frankfurt airport to Heidelberg, you can either take the Lufthansa Airport Shuttle or the train. In both cases it takes about 60 min. Low budget airlines (Ryan Air) serve [Frankfurt-Hahn](#) and [Baden-Airpark](#). From both airports Heidelberg is easy to reach by regular coach services.

By train: You can use the [connection finder](#) of **Deutsche Bahn** to plan your trip to Heidelberg main train station.

By car: Please note that there is no parking possibility for conference participants in the institute.

Registration and deadlines

Registration should be made through the BEAUTY 2009 web site. Early registration, certainly before August 1st, 2009, is requested.

Conference fees

The Conference registration fee is set at 380 EUR per delegate if a payment is made before 1st August 2009, or 420 EUR thereafter. There will be an additional fee of 150 EUR for any accompanying person.

The fee for participants covers conference materials, reception, coffee breaks, lunch, the social programme, barbeque and conference dinner, and the conference proceedings. The fee for accompanying persons includes the full social program including the conference dinner. Lunches are optional for an additional charge.

Methods of payment:

1. Credit card

Please use the on-line registration. Mastercard and Visa are accepted; payment must be in EUR.

2. Bank transfer

Details of how to pay will be communicated upon registration. If paying by this method, you must ensure that BEAUTY 2009 receives the *full* amount of payment, including any remitter/beneficiary/exchange-rate charges.

3. On-site payment

Payment by credit card or cash will be accepted upon your arrival in Heidelberg. However the late payment fee will be charged.

Accompanying Persons

Accompanying persons attending BEAUTY 2009 will find Heidelberg and its nearby attractions very interesting. The organizers can advise on outside attractions, but unfortunately we cannot provide any additional social visits. It would be very helpful if accompanying persons could be registered together with the participant.

Cancellation and Refunds

Whilst the Organisers will be sympathetic to providing a refund of fees in the event of unforeseen cancellation, we reserve the right to charge a cancellation fee to cover any costs that may be incurred (especially for very late cancellation). The Conference Secretary (beauty2009@physi.uni-heidelberg.de) should be notified immediately by e-mail or fax in the case of cancellation.

International Advisory Committee

Daniel Denegri	Saclay
Paula Eerola	Helsinki
Nick Ellis	CERN
Samim Erhan (Co-chair)	UCLA
Hal Evans	Indiana
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Harvey Newman	Caltech
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Sheldon Stone	Syracuse
Ulrich Uwer	Heidelberg
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Local Organizing Committee

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Jörg Marks
Michael Schmelling
Ulrich Uwer (Chair)
Christine Weidinger (Conference Secretary)

BEAUTY 2009 sponsors

- Heidelberg University
- Institute of Physics Heidelberg

Dedication

BEAUTY 2009 is dedicated to the memory of Prof. Peter Schlein, founder of the BEAUTY conference series. Peter always showed an enthusiastic interest in the conference and gave it his full support. He passed away unexpectedly in February of last year.