

Bulletin No. 2; February 2016

BEACH 2016: XII<sup>th</sup> International Conference on  
Beauty, Charm, and Hyperons in Hadronic  
Interactions

12 - 18 June 2016

George Mason University, Fairfax, VA 22030 USA

Website: <http://BEACH2016.gmu.edu>

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George Mason University, in Fairfax, Virginia, USA, will host BEACH 2016, the Twelfth International Conference on Beauty, Charm, and Hyperons in Hadronic Interactions from 12 - 18 June 2016. Born in Strasbourg, in 1995, biennial BEACH conferences now provide over 100 theorists and experimentalists a collaborative venue to review, discuss, and plan all aspects of flavour physics.

BEACH 2016 will officially begin with a formal welcome and first physics talks Monday morning, 13 June, and end with summary talks Saturday morning, 18 June. An excursion to the National Mall in Washington D.C. will occur Wednesday afternoon, 15 June, and a banquet will be held in Old City Fairfax Thursday evening, 16 June. Late registration and conference check-in will take place Sunday, 12 June, from 16:00-18:00, prior to a reception, and again on Monday, 13 June, from 08:00 - 09:00, prior to the first session.

## Scientific Program

The BEACH conference series mixes experiment—both present and future—and theory. Presentations generally fit into one of the following categories: Recent experimental results, recent theoretical work, comparison of theory with experiment, or progress on new experiments. All sessions are plenary, in which review talks last twenty-five to thirty minutes and short contributions last fifteen to twenty minutes. Summary talks conclude the conference. BEACH conferences encourage diversity and intend to be fruitful experiences for all participants, regardless of personal characteristic, professional level, or institutional home.

Conference topics include, but are not limited to:

- Hadron production and decays

- Heavy quarks, Quarkonium, and hyperons
- Electroweak measurements
- Neutrinos
- Symmetry violation
- Lattice and non-relativistic QCD
- Physics beyond the Standard Model
- New facilities and projects

## WEB Site and E-Mail

<http://BEACH2016.gmu.edu>

[BEACH2016@gmu.edu](mailto:BEACH2016@gmu.edu)

## Registration Fee

Early Registration (until 15 May 2016): (US)\$250

Late Registration (until 5 June 2016): (US)\$350

## Abstracts

Submission deadline: 15 April 2016

## Travel

The conference will be held on the Fairfax campus of George Mason University, which is accessible by plane, train, bus, and car.

The nearest airports are Washington Dulles International Airport (IAD) and Washington Reagan Airport (DCA). Shuttles are available through private companies, as are cabs.

Amtrak trains offers train rides from most US cities to Union Station in downtown Washington, D.C. From there, take the Metro rail system to the Vienna/Fairfax/GMU Metro stop, and then to campus on a bus or shuttle.

Three bus services stop at the Fairfax campus: the Metro Bus, the Cue Bus (Fairfax City bus), and the free Mason shuttle. Please see <http://shuttle.gmu.edu/>.

If you will drive to campus, refer to here.

For more travel details, please see the conference web site: <http://BEACH2016.gmu.edu>

## **Visa**

Citizens of many countries require a visa to visit the US even for a short time. If you are not sure, please see here. If you do need a visa, please follow these directions. Note that the process is lengthy; please apply by March 2016.

## **Accommodation**

On-campus housing (one- or two-bedroom, en-suite) will be available for a modest price on a first-come, first-serve basis. The region is also home to many hotels.

## **Internet**

GMU supports eduroam, and it recommends using this service if possible. GMU also provides guests with access to web services, authenticated email services, and IPsec VPNs. Guest accounts are active for a period of 72 hours from the time the account is first used on the network.

## **Scholarships**

Scholarships to help with the participation costs of early-career researchers (PhD awarded not more than five years prior to conference start date) will be offered. Priority will be given to applicants who have not been funded in previous BEACH conferences and whose home institution is in a developing country. Scholarships may include a waiver of the registration fee and up to a full subsidy for accommodation. Scholarship applications—a cover letter, a copy of the abstract of the presentation to be given, and a letter from the director of the applicants institution—should be sent to the conference e-mail address. The director's letter must stipulate that the home institution will fully underwrite the cost of round-trip travel to and from the conference, as well as all other necessary expenses not covered by the scholarship.

## **Proceedings**

Proceedings of conference contributions are reviewed prior to publication in both bound and open-access forms. Each contributor will receive a copy of the bound edition. Proceedings costs are covered in the registration fee.

## **Extracurricular Activities**

The following activities, which costs are covered by the registration fee, are planned:

## **Reception**

For those who arrive and check-in on Sunday before the conference officially commences, a reception will be held on or near the conference site.

## **Excursion**

An excursion to the National Mall in Washington D.C. is planned for the afternoon and evening of Wednesday, 15 June. Located along the periphery of the mall are a dozen museums, including the National Gallery of Art and the National Air and Space Museum, all free of charge.

[https://en.wikipedia.org/wiki/National\\_Mall](https://en.wikipedia.org/wiki/National_Mall)

## **Banquet**

A conference banquet in historic Old Town Fairfax, within walking distance of campus, is planned for Thursday evening, 16 June.

## **George Mason University and the Greater Washington D.C. Region**

George Mason University (GMU) is one of the largest public research universities in the Commonwealth of Virginia. It was founded as a branch of the University of Virginia in 1957, and became an independent institution in 1972.

Fairfax, Virginia, is George Mason University's residential campus. It is located just 20 miles west of Washington, D.C.

Of the Washington D.C. metropolitan area, Wikipedia writes:

The area includes all of the federal district [the capital of the United States] and parts of the U.S. states of Maryland and Virginia, along with a small portion of West Virginia. [It] is the most educated and, by some measures, the most affluent metropolitan area in the United States. [It is] the largest metropolitan area in the...Southeast region and the seventh-largest metropolitan area in the country.

The District of Columbia is the national seat of government and houses a large number of landmarks, museums, and other place of interest, such as parks and historic sites.