

XIIth International Conference on Hyperons, Charm and Beauty Hadrons

George Mason University
Fairfax, Virginia, June 12-18, 2016

Guidebook



<https://www.flickr.com/photos/jeffsmallwood/5590302451/sizes//>
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GENERAL CONFERENCE INFORMATION

Welcome to the International Conference on Hyperons, Charm and Beauty Hadrons (BEACH) held at George Mason University in Fairfax, Virginia. This is the twelfth in a series of Particle Physics meetings that started in 1995 in Strasbourg, France. With strong 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 discuss topical issues at a 4-5 day conference. This conference, with only plenary sessions, has been held every 2 years since, and has evolved into a week-long conference covering important topics in flavor physics.

CONFERENCE HISTORY

1995 Strasbourg, France
1996 Montreal, Canada
1998 Genoa, Italy
2000 Valencia, Spain
2002 Vancouver, Canada
2004 Chicago, Illinois, USA
2006 Lancaster, England
2008 Columbia, South Carolina, USA
2010 Perugia, Italy
2012 Wichita, Kansas, USA
2014 Birmingham, United Kingdom
2016 Fairfax, Virginia, USA

CONFERENCE WEBSITE

The conference website is <http://beach2016.gmu.edu/>

The full conference program may be found on the website; highlights and an overview are provided in this guidebook.

Contact organizers via BEACH2016@gmu.edu.

ACKNOWLEDGEMENTS

We wish to acknowledge support from the George Mason University, Department of Physics and Astronomy, CERN, and other sponsors.

GEORGE MASON UNIVERSITY

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.

SCHOLARSHIPS/ FUNDING

Several early-career researchers (PhD students and young scientists less than 5 years since PhD) have been awarded BEACH scholarships, which include a waiver of the conference registration fee and subsidy of accommodation.

NETWORK/ WIFI / E-MAIL ACCESS

Mason offers three broadcast wireless networks to the university community:

- **MASON-SECURE** is an encrypted wireless network open to Mason faculty, staff, and students only. This network uses 802.1x for authentication and authorization. Network Engineering recommends that all faculty, staff, and student devices that support 802.1x be configured to join this network.
- **MASON** is an unencrypted wireless network for registered devices and captive portal authentication. This network is targeted to visitors and guests, but is open to the entire Mason community. Via device registration, it supports faculty, staff, and student devices that cannot use 802.1x.
- **eduroam** is an encrypted wireless network open to members of the eduroam federation. This network uses 802.1x for authentication and authorization. This network is targeted to eduroam visitors and guests, but is open to the entire Mason community.

These three wireless networks are available from every wireless access point on campus. To use MASON-SECURE and eduroam, you must configure your device for 802.1x authentication. To use MASON, you must authenticate via a captive portal or register your device. To register a device, visit <https://mydevices.gmu.edu>. Visitors and guests may also register for access. GMU 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. There is no charge for this service. For additional information, go to http://itservices.gmu.edu/services/view-service.cfm?customel_dataPageID_4609=6245.

CAMPUS MAPS and PUBLIC TRANSPORTATION

A full campus map is available at <http://info.gmu.edu/Maps/FairfaxMap15TabldColor.pdf>

GMU has good access to public transit, including buses and shuttles to the Metro, which connects to the Washington DC Transit network: <http://transportation.gmu.edu/>

Mason Shuttle Bus: Your name badge allow you on the Mason Shuttle Buses. The stop nearest on-campus housing is across from the Rappahannock Parking Deck. <http://shuttle.gmu.edu/>

Schedule:

- Mason to Metro (Shuttles have Orange or Red signs near door): <http://shuttle.gmu.edu/MasonToViennaSummer2016.html>
- Vienna to Mason: <http://shuttle.gmu.edu/ViennaToMasonSummer2016.html>
- Metro Express Service: <http://shuttle.gmu.edu/MetroExpressSummer2016.html>

BEACH 2016

City of Fairfax CUE Bus: Fares: \$1.80; <http://www.fairfaxva.gov/government/public-works/transportation-division/cue-bus>

- Green Bus Route: <http://www.fairfaxva.gov/home/showdocument?id=190>
- Gold Bus Route: <http://www.fairfaxva.gov/home/showdocument?id=188>

UPLOAD YOUR TALK IN ADVANCE

Speakers are requested to upload their talks in advance of their talk. Go to the Conference website at <http://beach2016.gmu.edu/>. Click the UPLOAD TALK button, browse for your file (the selected file name will be displayed at the right of the BROWSE button after selection), and click the UPLOAD FILE button. You will be informed of a successful upload or error. A size limit of 30 MB has been imposed; if your talks is larger than this, please inform the organizer.

PROCEEDINGS

Proceedings of conference contributions are refereed/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.

Format information will be relayed shortly after the conference. A draft of your write-up should be sent to the Guest Editor no later than 30 August 2016. Traditionally, publication of the proceedings has been rapid. They will be published on-line before the end of 2016, and the printed version will be mailed early in 2017.

RECEPTION

A wine-and-snacks reception (featuring Virginia wines) will be held in the atrium of Exploratory Hall on the George Mason Campus from 17:30 pm to 19:00 pm on Sunday 12 June.

EXCURSION

An excursion to the National Mall in Washington DC will take place the afternoon and evening of Wednesday, June 15. 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.

We will take public transportation to the Mall. Take the Mason Shuttle Bus to the VIENNA METRO STATION (an Orange or Red sign on the side of the bus). Your name badge will admit you to free passage on Mason Shuttle Buses, and you will be provided with a Washington DC Metro Card charged with sufficient funds for one (1) round trip to the Mall. Take the Orange Line, direction New Carrollton, to the SMITHSONIAN STATION, on the National Mall. NOTE: The Washington D.C. metro is currently undergoing upgrades and will be single-tracking on parts of the Orange Line. Information on this project is located here:

Metro rail safe track advisory and maps of the Washington D.C. metro systems are found here:

http://www.wmata.com/rider_tools/metro_service_status/advisories.cfm?AID=5578

<http://www.wmata.com/>

<http://www.wmata.com/rail/maps/map.cfm?>

Museums

- National Mall: <http://www.si.edu/content/ovs/mallmap.pdf>
- Smithsonian: <http://www.si.edu/Visit/Maps>
- Link to website: <https://www.timeout.com/washington-dc/things-to-do/best-museums-in-dc>

Memorials

- the Lincoln Memorial
- the Jefferson Memorial
- the World War II Memorial
- the Martin Luther King, Jr. Memorial
- the Franklin D. Roosevelt Memorial
- the Vietnam Veterans Memorial
- the Arlington National Cemetery

Bars and Night Life

- The Gin Joint is a favorite bar for many DC residents.
- The POV is a rooftop bar at the W Hotel with amazing views of the White House, Lincoln Memorial and Washington Monument. They are open from 11:00 am - midnight and the dress code is “casual sophistication.” Located at 515 15th Street NW
- The DC Improv has long been considered one of the country’s most respected comedy venues. The DC location can be found at 1140 Connecticut Avenue NW. If you wish to attend, purchasing tickets in advance is recommended.
- The Jug & Table is a great little wine bar located in the Adams Morgan area (2446 18th St. NW). Known for its great wine list and amazing cheese plates.
- The Dignitary is a cozy traditional bar with great ambience located in the Marriot Marquis hotel at 901 Massachusetts Ave NW.
- The Cloak & Dagger at 1359 U Street NW. You’ll enter through a narrow hallway and pass through false bookcases to enter this “Speakeasy” themed club. There are three levels which include a library, a huge dance floor, full bar, and VIP areas.

BANQUET DINNER

The conference dinner will on Thursday 16 June, from 19:30 to 21:00, in the Quad area of Student Union Building I. The cost of the dinner is included in your registration fee.

LUNCHEAS AND MEALS ON/NEAR CAMPUS

Coffee and light snacks will be offered between morning and afternoon session of the conference. You are on your own for all other meals.

Mason (on-campus) dining options:

The Globe, located in the INTO Mason building is open for breakfast, lunch, and dinner. See link for hours of operation and map for other facilities open during the week.:

- Maps of facilities: <https://gmu.sodexomyway.com/Images/Map.pdf>
- Hours of operation: <https://gmu.sodexomyway.com/hours/index.html>

Restaurants near George Mason:

- **Downtown Fairfax (Main Street & University Drive): 20 minute walk or via Shuttle or Cue Bus**
 - Sisters Thai (4004 University Drive; sistersthai.com)
 - De Cieu Coffee & Sandwiches (10389 B Main Street; coffeedeclieu.com)
 - Bellissimo Restaurant (10403 Main Street; bellissimorestaurant.com)
 - Le Mediterranean Bistro (4009 University Drive; lemediterraneanbistro.com)
 - Villa Mozart (4009 Chain Bridge Rd; villamozartrestaurant.com)
 - Havabite Eatery(10416 Main Street; havabiteeatery.com)
 - Coyote Grille (10266 Main Street; coyotegrille.com)
 - Sushi Prince (10256 Main Street; sushi-prince.com)
- **Chain Bridge Road, Downtown Fairfax: 20 minute walk or via Shuttle or CUE Bus**
 - The Auld Shebeen (3971 Chain Bridge Rd; theauldshebeenva.com)
 - Bollywood Bistro (Old Town Plaza, 3955 Chain Bridge Rd, bollywoodbisro-fairfax.com)
 - The Wine House (Old Town Plaza 3950 University Drive; winehouseonline.-com)
 - Greene Turtle (Old Town Plaza, 3950 University Drive; thegreenturtle.com)

The Mason Shuttle Bus (Direction Vienna Metro, ask driver to stop at “Commerce Building”) or the Green or Gold CUE Bus route (direction Vienna Metro) can take you halfway to the old city of Fairfax. For an overview, see googlemaps:

<https://www.google.com/maps/place/George+Mason+University/@38.8315175,-77.3091226,17z/data=!3m1!4b1!4m5!3m4!1s0x89b64e5e8b866337:0xb7a1149ec39d49a5!8m2!3d38.8315175!4d-77.3069286>

- **Chain Bridge Road, 5 minute walk (walk along George Mason Blvd pass the housing construction; turn left at “School”; walk one block to Chain Bridge)**
 - Bernie’s Delicatessen & Gourmet Market (4328 Chain Bridge Rd.; berniesonline.com)
- **University Mall (exit near Eagle Bank Arena): 15 minute walk**
 - Oh George! Tables and Taphouse (ohgeorge.com)
 - Bangkok Golden Thai (bangkokgolden.com)
 - Brion’s Grill (brionsgrille.com)
 - Best Deli (bestdelifairfax.com)

LOCAL ORGANIZING COMMITTEE

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David Armstrong, College of William & Mary
Kevin Giovanetti, James Madison University
Elton Smith, Jefferson Laboratory
Igor Strakovsky, George Washington University

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Patrizia Cenci, INFN Perugia
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Janis McKenna, University of British Columbia
Philip Rubin, George Mason University
Nick Solomey, Wichita State University

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