PROPOSAL TO HOST BOOST 2021 AT BROWN UNIVERSITY, PROVIDENCE

Prof. Meenakshi Narain
Brown University

July 23, 2019
HEP at Brown University

- Experimental Group – on CMS
  - Faculty: Profs. David Cutts, Ulrich Heintz, Greg Landsberg, Meenakshi Narain
  - 5 postdocs – Xavier Coubez, Yi-Ting Duh, Ted Laird, Emanuele Usai, David Yu
  - 10 graduate students
  - Areas of interest – b-tagging, boosted b-tagging, Jet Substructure (HL-LHC, ML/E2E)
  - Building modules for silicon outer trackers for the HL-LHC upgrade of CMS

- Theory Group –
  - Faculty - Jiji Fan, Jim Gates, Savvas Koushiappas, Stephon Alexander, Antal Jevicki, David Lowe, Marcus Spradlin, Anastasia Volovich,
  - Postdoc: David Pinner, Evan Mc Donough +..
  - And graduate students.

- Excellent Synergy with Brown Data Science Institute
  - MN Co-chair – Advisory Board
  - Re-invigorated efforts to connect connect core DSI group CS, Applied Math, Biostats with other departments.

- Plus Astroparticle and Cosmology groups.

Narain, Nov 2017
Experience with hosting conferences in HEP

- New Technologies for Discovery IV: The CPAD Instrumentation Frontier Workshop 2018
  - [https://www.brown.edu/Conference/CPAD2018/](https://www.brown.edu/Conference/CPAD2018/)
  - ~135 participants
  - Venue: Rhode Island convention center
  - December 2018
  - Host: Heintz

- Identification of Dark Matter 2018
  - [https://www.brown.edu/conference/IDM2018/home](https://www.brown.edu/conference/IDM2018/home)
  - ~140 participants
  - Venue: Brown University
  - July 2018
  - Host: Gaitskell

- DPF 2011
  - Hosts: Cutts, Heintz, Narain

- U.S. CMS 2010
  - Hosts: Narain and Heintz

- Administrative Help: Mary Ann Rotondo
Travel Information

• **By Air**
  - The closest airports are [T.F.Green Airport in Warwick, RI](https://www.tfgreenairport.com), about 10 miles from downtown Providence, and [Logan Airport in Boston, MA](https://www.loganairport.com).
  - Costs of flights:
    - within US - by Southwest – sometimes cheaper than flying to Boston Logan
    - Internationally – fly to Boston, rent a car, or take the commuter rail (25$ round trip). Or fly to Providence via Newark, DC etc.

• **By Bus**
  - [Peter Pan](https://www.peterpan.com) and [Greyhound](https://www.greyhound.com) bus lines provide service to Providence from many cities throughout the New England region. (one way ~25$ to Boston, ~50$ NYC)
  - For additional information about regional transportation in Rhode Island, please view the [RIPTA](https://www.RIPTA.com) website.

• **By Train**
  - Providence is on the Northeast Corridor Amtrak train route between Boston and New York City. The train station is located in the center of downtown Providence, half a mile from the RICC.

• **By Car**
  - For directions to RICC and parking information, please visit: [http://www.riconvention.com/exhibitors/directions-parking](http://www.riconvention.com/exhibitors/directions-parking).
Lodging

- Many nice hotels to choose from
- The following hotels can be reserved at a special conference rate via Brown
  - Range: 150-250$/per night
  - In July 2018 for IMD 2018 the conference rate at Omni: $179/day including breakfast and WiFi
- Walking distance from RICC or free shuttles (~5min) to Brown.

- OMNI Providence Hotel
  - 1 West Exchange Street, Providence, RI, 02903
- The Graduate Providence
  - 11 Dorrance Street, Providence, RI 02903
- Hilton Providence
  - 21 Atwells Avenue, Providence, RI, 02903
- Downtown Providence Courtyard by Marriott
  - 32 Exchange Terrace, Providence, RI 02903

- Brown Graduate Dorms:
  - 87 Prospect Street in Providence on the Brown campus.
  - The dorms are all single rooms with a single use bathroom for 4 rooms.
  - The charge for IMD 2018 was $59/night
Venues:

- Rhode Island Convention Center

Brown University (IMD 2018 example)
Conference Fees

• Generally around $350 (late fees ~$450)
  • Covers Reception light breakfast, coffee breaks
  • Banquet dinner is around $75 (at times has been subsidized by external funds for conference support at the university)
  • Meals – excellent restaurants nearby, if in downtown; or Thayer Street on Brown Campus.
  • CPAD dinner hall @Brown (example), Clam bake / Lobster Roll on the greens @Brown

Narain, Nov 2017
Places to see in Rhode Island and Providence

  - Barbara Radcliffe Rogers
  
  “At the northern tip of Narragansett Bay, Rhode Island's capital city is wonderfully compact, diverse, and eccentric. Its long history, from its founding by dissidents escaping Puritan Massachusetts to its colorful contemporary politics, may explain the eccentricities.”
  
  “These combine with its wealth of historic sights (entire neighborhoods are designated historic districts) and artistic highlights to make Providence fun to visit.”
  
  “In addition to offering a number of top tourist attractions and things to do, Providence is lively and full of character, a city of distinctive neighborhoods reflecting both its ethnic and cultural diversity.”
  
  “A high-powered student population from Brown University, Rhode Island School of Design (RISD), and Providence College keep it young and vibrant, along with insuring a rich arts and intellectual scene.”
  
  “People here take their restaurants seriously, so be sure and ask locals for dining suggestions - you'll always get an informed opinion.”

Narin, Nov 2017
Vacation in Rhode Island and Providence

- WaterFire on Saturdays
- RISD Museum
- Narragansett Bay Beaches
- Block Island
- Herreshoff Marine Museum, Bristol

Newport:
Nearby RI

- The other major destination for tourists in the small state of Rhode Island is Newport, with its fabled mansions.
- Less than an hour away by train is Boston, in the state of Massachusetts, which has a number of attractions that are easy day trips from Boston or Providence.
- The colonial town of Plymouth, where the Pilgrims landed, is nearby, and Cape Cod is only an hour from Providence.
- New Haven, in Connecticut, is less than 90 minutes from Providence by train, and New York City is only three hours away.