

ICALEPCS 2019 Poster

<https://icalepcs2019.bnl.gov/>



ICALEPCS 2019

17th International Conference on Accelerator
and Large Experimental Physics Control Systems

Hosted by Brookhaven National Laboratory

7th-11th October, 2019

Brooklyn, New York City USA
Marrriott by the Brooklyn Bridge

PROGRAM COMMITTEE

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Richard Farnsworth, Co-Chair
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Nancy Boyle, Financial Chair
Nancy Wright, Exhibitor Coordinator
Frank Naase, IT Coordinator
Frank Donato, IT Coordinator

KEY DATES:

February 1	Abstract submission opens
April 8	Online registration opens
April 30	Abstract submission closes
July 31	Deadline for early registration
September 1	Registration deadline for speakers
September 14	Registration deadline for all presenters
September 30	Deadline for paper submissions
October 5-6	Satellite workshops
October 6	Registration and welcome reception
October 7	Conference begins
October 11	Conference ends

FOR INFORMATION CONTACT:

Anna Petway
Conference Coordinator
ICALEPCS19@bnl.gov



ENDORSED BY:



TRACKS:

General

- Project Status Reports
- Control System Upgrades
- Device Control and Integrating
- Diverse Systems
- Experiment Control

Software

- Software Technology Evolution
- User Interfaces, User Perspective, and
- User Experience (UX)
- Data Management
- Data Analytics

Hardware

- Hardware Technology
- Timing and Synchronization
- Control System Architectures

Subsystems

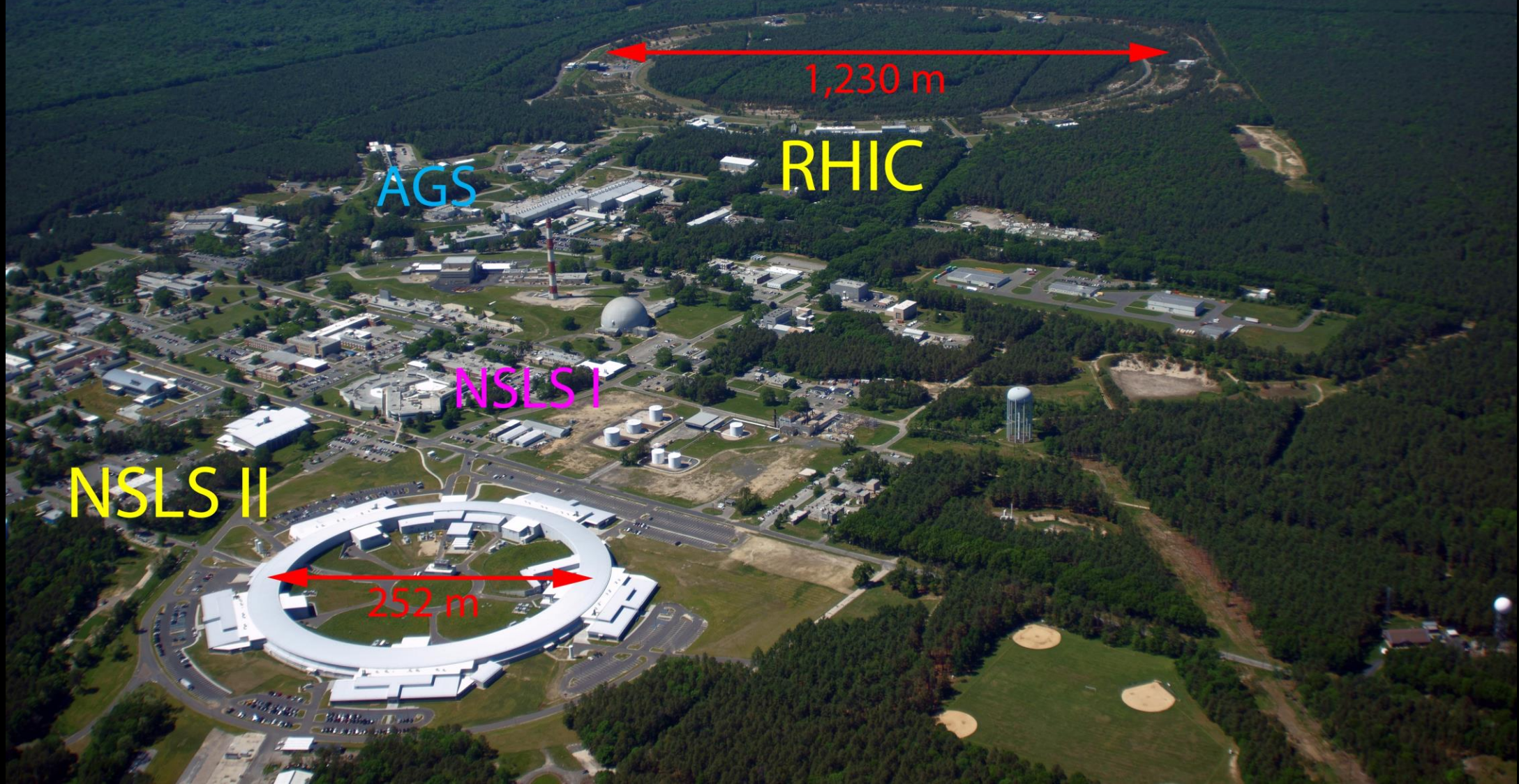
- Systems Engineering, Collaborations,
- Project Management
- Functional Safety Systems for Machine
- Protection, Personnel Safety
- Feedback Control and Process Tuning



BROOKHAVEN
NATIONAL LABORATORY

The Hosts!

Brookhaven National Laboratory



AGS

RHIC

NSLS I

NSLS II

1,230 m

252 m

Diversity, Inclusion, & Education

Inclusivity

Diversity is important to ICALEPCS 2019. The key components in our effort to diversify the ICALEPCS community and improve inclusivity are providing opportunities to all who attend, respecting our differences and celebrating diversity. The ICALEPCS conference series gives us a great platform to spread this message.

Code of Conduct

ICALEPCS 2019 is dedicated to providing an inclusive in every respect conference experience for everyone, regardless of national origin, age, gender, sexual identity, disability, physical appearance, race, or religion. As a conference that aims to share ideas and freedom of thought and expression, the Conference organizers expect all interactions, including those on social media and on-line, between participants at the Conference to be respectful and constructive.

Reporting

Please promptly report disrespectful behavior to a staff member of the Conference organizers.

Commitment

ICALEPCS 2019 will investigate all incidents reported. ICALEPCS 2019 reserves the right to bar or remove any person who violates our Code of Conduct from attending ICALEPCS 2019 and/or to cancel the registration of the person without refund.

We are also offering a number of ways for students to participate and become involved with our community, including student poster sessions, a reduced rate for student registrants and a limited number of free one day passes for students.



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Registration and welcome reception

October 7, 2019

Conference begins



Keynote Speakers



Robert Tribble (Deputy Director for Science and Technology, BNL)



Florence D. Hudson (Founder & CEO of FDHint, LLC)



Allison Bishop (Co-Founder and President of Proof Trading)



Gabriele Vajente (CALTECH, Pasadena, California)

TBA

**Build the Future
Harnessing Advanced
Technology Innovations
and Inclusion**

**Why Cybersecurity
Should Not Be Left
to the Experts**

**Gravitational Wave Detectors:
Controls at the Femtometer
Level**



Workshops (preliminary program)

Saturday Program

1. [EPICS Satellite Meeting](#)
2. [FPGA Development Workshop](#)
3. [Jupyter Tutorial](#)
4. [TANGO Workshop](#)
5. [PLC Based Control Systems](#)

Both Saturday & Sunday

General Meeting Space (note: sign up first come/first serve at conference only)

Sunday Program

1. [HDF5 and Data Format](#)
2. [Control System Cybersecurity Workshop](#)
3. [Motion Control Workshop](#)
4. [Sardana - Scientific SCADA Suite](#)
5. [MRF Timing Protocol Users Workshop](#)
6. [Data Science and Machine Learning Workshop](#)
7. [Containers in Controls](#)
8. [MicroTCA Standard and Applications](#)





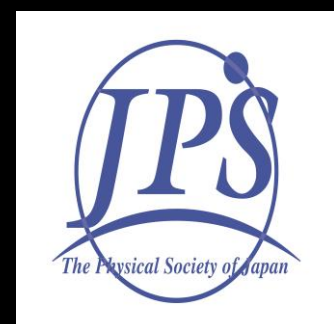
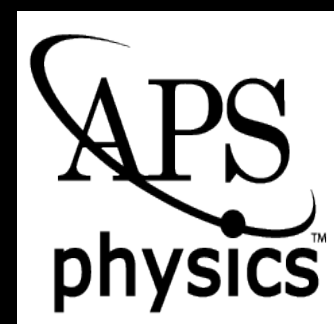
Confirmed Exhibitors



SPONSORS (NON-EXHIBITING)



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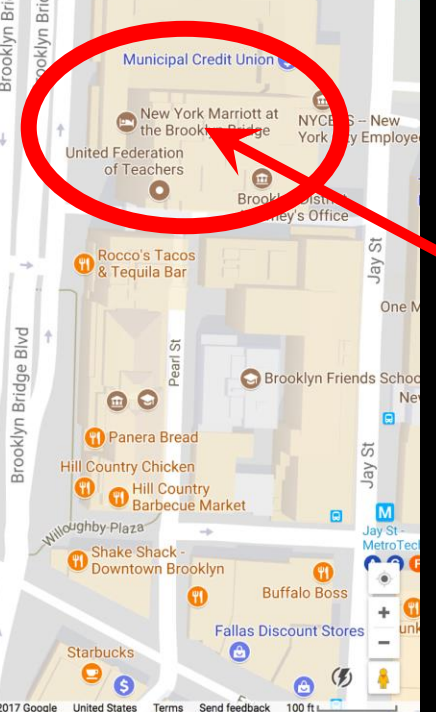
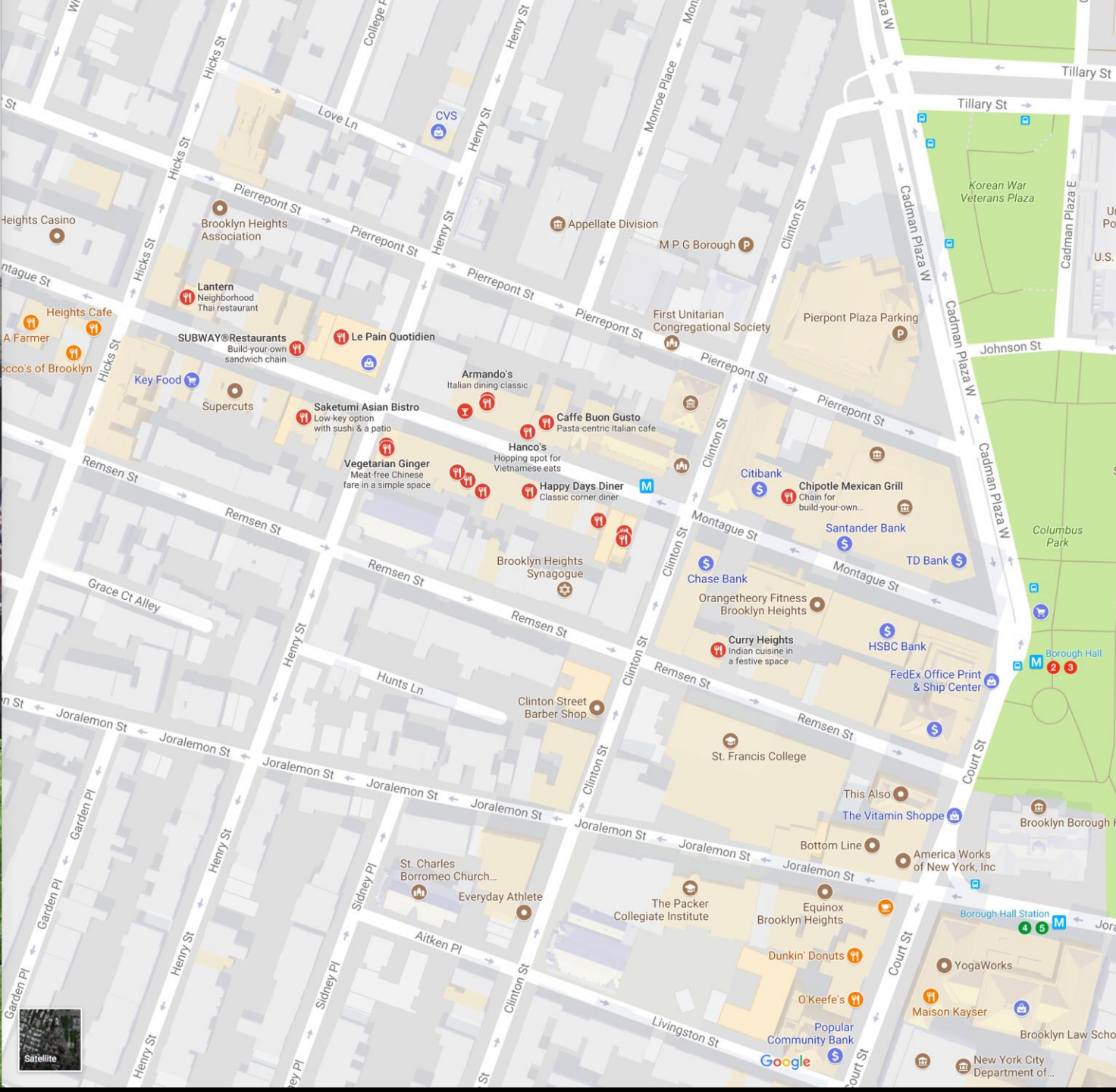


Venue: NY Marriott by the Brooklyn Bridge









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at the Brooklyn
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