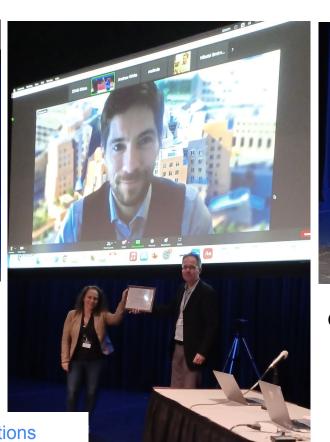




Amazing work & great accomplishments!



APS DPF instrumentation awards







Please help with nominations

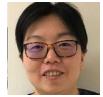
Working Groups & Conveners

WG1: Solid State Detectors and ASICs

Conveners:

Gabriella Carini (carini@bnl.gov)
Ulich Heintz (Ulrich_Heintz@brown.edu)
Xuan Li (xuanli@lanl.gov)





WG2: Calorimetry

Conveners:

Friederike Bock (bockf@ornl.gov)
Adi Bornheim (bornheim@caltech.edu)
Minfang Yeh (yeh@bnl.gov)







WG3: Noble Element Detectors

Conveners:

Elena Gramellini (elenag@fnal.gov) Scott Hertel (shertel@umass.edu) Chris Stanford (cstanford@g.harvard.edu)







WG4: Quantum and Superconducting Detectors

Conveners:

Julian Martinez-Rincon (jmartinez1@bnl.gov) Cristian Pena (cmorgoth@fnal.gov) Mike Jewell (Michael.Jewell@yale.edu)







Working Groups & Conveners

WG5: MPGDs

Conveners:

Kevin Black (kblack@hep.wisc.edu)
Prakhar Garg (prakhar.garg@stonybrook.edu)
Matt Posik (posik@temple.edu)







WG6: TDAQ and AI/ML

Conveners:

Sasha Paramonov(alexander.paramonov@cern.ch)
Xin Qian (xqian@bnl.gov)
Mike Williams (mwill@mit.edu)







WG7: Photon Detectors (incl. CCDs)

Conveners:

Flavio Cavanna (cavanna@fnal.gov) Yordanka Ilieva (jordanka@physics.sc.edu) Nepomuk Otte (otte@gatech.edu)







WG8: Cross Cutting Topics

Petra Merkel



CPAD Executive Committee

Co-Chairs



KARSTEN HEEGER YALE UNIVERSITY CO-CHAIR



PETRA MERKEL FERMILAB CO-CHAIR



RICK VAN **BERG**

UNIVERSITY OF PENNSYLVANIA NEUTRINOS/ENERG Y. ELECTRONICS



ULRICH HEINTZ BROWN UNIVERSITY

ENERGY, ASICS



MAURICE GARCIA-**SCIVERES**

LAWRENCE BERKELEY NATIONAL LABORATORY **ENERGY, SILICON**



KIM **PALLADINO** OXFORD

UNIVERSITY DM, LXE



MARINA **ARTUSO** SYRACUSE UNIVERSITY RARE/PRECISION. SILICON



ZHANG ARGONNE NATIONAL LABORATORY **ENERGY, TDAQ**

JINLONG



BENSON FERMI NATIONAL ACCELERATOR LABORATORY CMB. PACKAGING. ELECTRONICS

BRAD



LINDLEY WINSLOW MASSACHUSETTS INSTITUTE OF **TECHNOLOGY** AXION DM/0V2BETA





MANCHESTER



DAVID **ASNER**

BROOKHAVEN NATIONAL



STEVE WORM

DESY ZEUTHEN COLLIDER/ILC/INSTR



KARL VAN **BIBBER**

UNIVERSITY OF CALIFORNIA-BERKELEY QIS, AXIONS

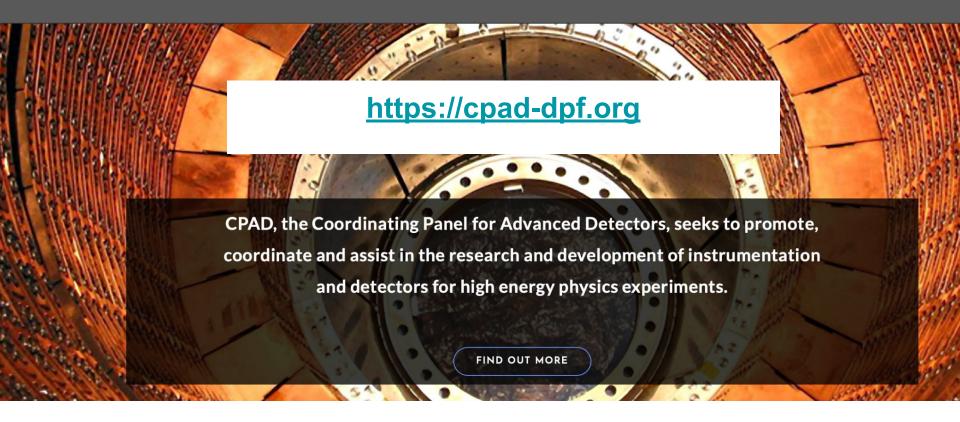
Establishing a proper 2-year rotation

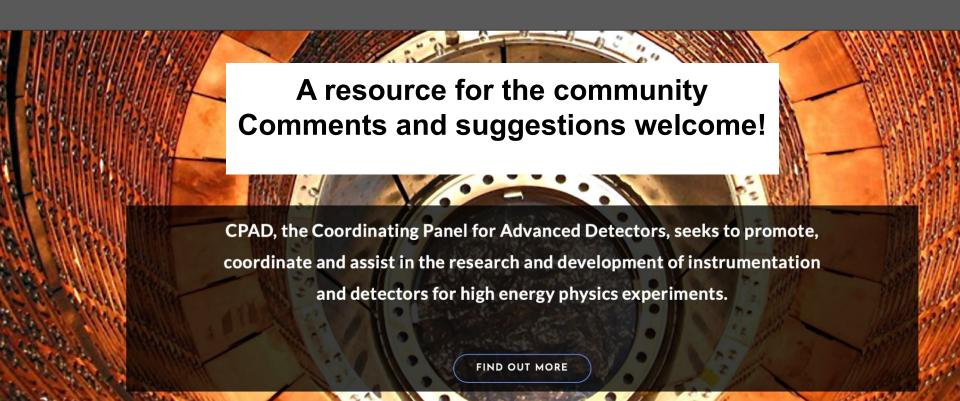
CPAD Executive Committee

- We thank outgoing CPAD members: Rick van Berg, Ulrich Heintz, Maurice Garcia-Sciveres,
 Brad Benson, Lindley Winslow, Roxanne Guenette, and Karl van Bibber.
- Thank you, Petra!
- Seeking nominations!
 - Vice chair, CPAD members
- Seek candidates based both at universities and laboratories, and differing seniority.
- Nominations of members belonging to groups traditionally underrepresented groups are especially encouraged,
- Particularly interested in receiving nominations of experts on the detection of **neutrinos**, axions, the cosmic microwave background, and experts in quantum information science
- Watch for an email from APS DPF with nomination form.

Call for Proposals for CPAD 2023

- Excited to host the next CPAD workshop? Proposals due by Jan 31, 2022
- Continue regular workshop schedule in fall (Oct/Nov)
- What should be included in the proposal?
 - Description of venue, number and size of rooms,
 - wifi/zoom capabilities,
 - o catering,
 - prior event hosting experience;
 - proximity to hotels and airports,
 - typical room rate in nearby hotels?
 - Potential support from hosting institute/department.





EDIT School 2023

Excellence in Detector and Instrumentation Technologies

Hosted by Brookhaven National Laboratory October 11-27, 2023



Local Organizers

- Gabriella Carini (BNL)
- Michael Begel (BNL)
- Hucheng Chen (BNL)
- Sara Capp (BNL)

Sponsors and/or Co-sponsors

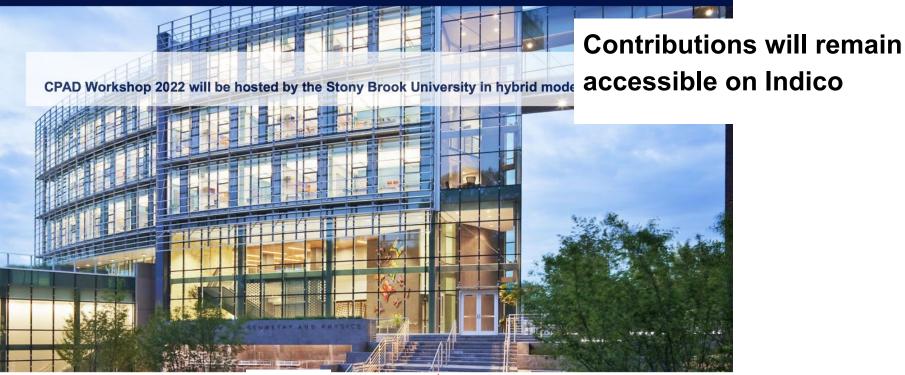
- International Committee for Future Accelerators (ICFA)
- <u>Department of Energy</u> (DOE)

https://www.bnl.gov/icfa-editschool/

Past Schools

CPAD Workshop 2022

Stony Brook University, November 29 - December 02, 2022















CPAD Workshop 2022

Stony Brook University, November 29 - December 02, 2022



Thank you!

DOE HEP

DOE NP

NSF

Stony Brook

Center for Frontiers in Nuclear

Science

Fermilab Directorate

Yale University







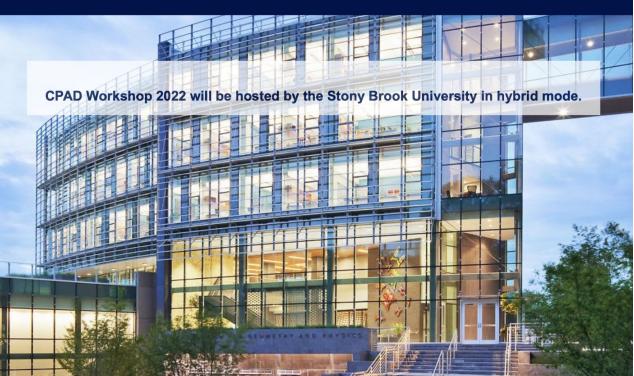






CPAD Workshop 2022

Stony Brook University, November 29 - December 02, 2022



Thank you!

Klaus Dehmelt Prakhar Garg

Jaydeep Datta

Charles-Joseph Naïm

Michael Giles

Dading Chen

Pradhyumna Parthasarathy

Zuhal Seyma Demiroglu

Evgeny Aleksandrovich Shulga

Wenliang (Bill) Li

James Shirk

Ross Corliss

Luke Legnosky

Julian Driebeek

Roli Esha











