

*October 19, 2020*

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# Context and Goals for AWLC2020

Jim Brau  
University of Oregon

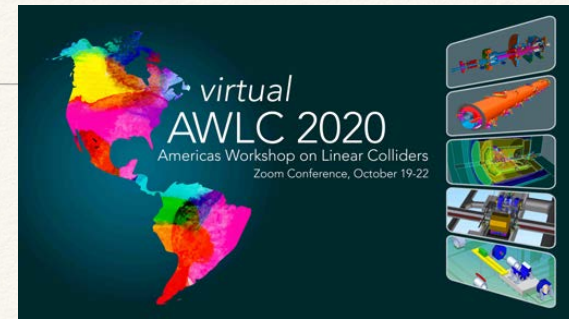
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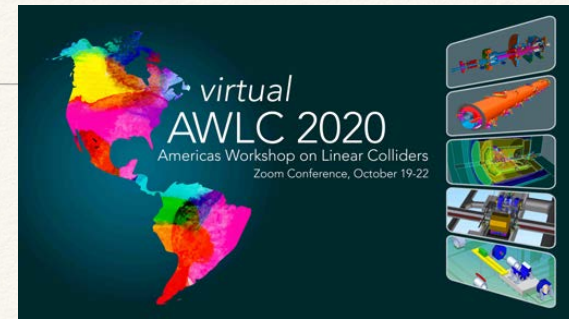
- ❖ First, Welcome, and thank you for joining.
- ❖ We have prepared a program this week that will feature discussions on recent ILC developments, and prospects and plans for the future.
- ❖ We expect our efforts in the Americas (and globally) to be strengthened from this program.



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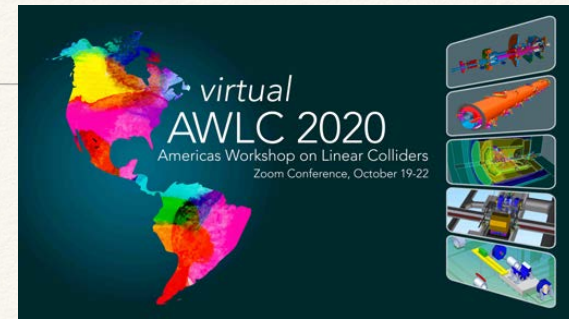
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- ❖ AWLC 2020 is the latest in a series of regional workshops on physics, detectors, and accelerators for future  $e^+e^-$  colliders.
- ❖ Given the recent developments, led by ICFA, AWLC 2020 will mainly be concerned with discussion of the International Linear Collider (ILC).



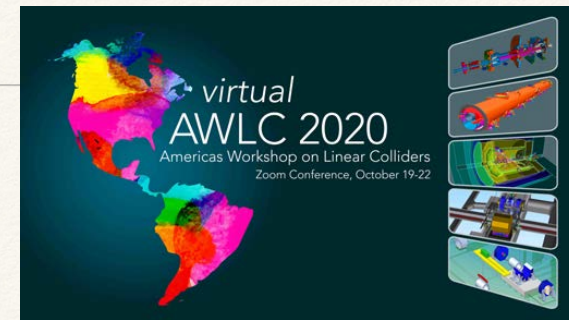
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1. Update community in the Americas (and globally) on recent developments on preparation for the ILC,
2. to inform the community of opportunities to contribute,
3. to broaden community engagement in ILC R&D,
4. to strengthen participation in the Snowmass planning process in the US,
  - ❖ and planning in Latin America and Canada.



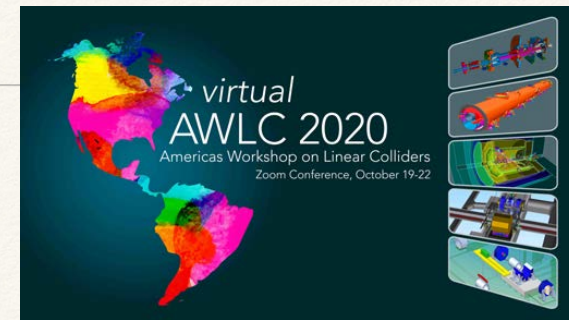
# Recent Developments



- ❖ This year, ICFA approved formation of **ILC International Development Team (IDT)**, hosted by KEK, with a mandate to make preparations for the ILC Pre-Lab in Japan.
- ❖ **Tatsuya Nakada** (EPFL), Chair-Executive Committee and Working Group 1
- ❖ **Steinar Stapnes** (CERN), Regional Rep.-Europe
- ❖ **Andy Lankford** (University of California, Irvine), Regional Rep.-Americas
- ❖ **Geoffrey Taylor** (University of Melbourne), Regional Rep.-Asia/Oceania
- ❖ **Shinichiro Michizono** (KEK), Chair-Working Group 2
- ❖ **Hitoshi Murayama** (University California Berkeley / IPMU-University of Tokyo), Chair-Working Group 3
- ❖ **Yasuhiro Okada** (KEK), KEK Liaison
- ❖ Director General **Masanori Yamauchi** leading preparations at KEK.



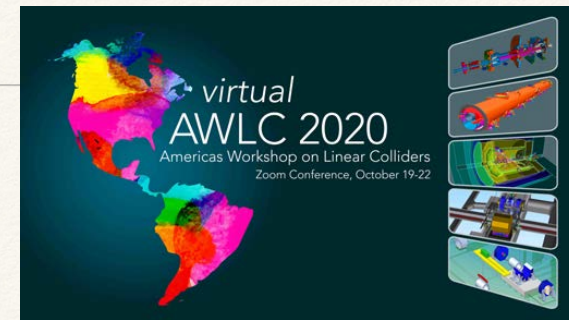
# AWLC 2020 Program



- ❖ **PLENARY** (2 pm Pacific Daylight Time)
  - ❖ Today - Introduction, Physics Motivation of ILC, International Perspectives
  - ❖ Tuesday - ILC Accelerator
  - ❖ Wednesday - ILC Detector Technology; Early Career Panel
  - ❖ Thursday - Summary; ILC Timeline; Concluding Panel
- ❖ **PARALLEL** (7 am Pacific Daylight Time)
  - ❖ Tuesday - Accelerator Design / Theory-Dark Sector
  - ❖ Wednesday - Accelerator Design / Physics Simulation for New Users
  - ❖ Thursday - Accelerator Design / Theory-Precision Calculation
- ❖ **NOTE** - changing time zones in indico may produce duplicate times for talks, one correct and one incorrect - Be careful!



# AWLC2020 Committees



## Program Committee

Alain Bellerive, Carleton Univ.  
James Brau, Univ. of Oregon, co-chair  
Philip Burrows, Oxford Univ.  
Francois Corriveau, McGill Univ.  
Sridhara Dasu, Univ. of Wisconsin  
Sarah Eno, Univ. of Maryland  
Keisuke Fujii, KEK  
Jie Gao, IHEP Beijing  
Anna Grasselino, Fermilab  
Georg Hoffstaetter, Cornell Univ.  
Andrew Hutton, Jefferson Lab  
Oliver Kester, TRIUMF  
Benno List, DESY  
Jenny List, DESY  
Ian Low, Northwestern Univ.  
Shinichiro Michizono, KEK  
Hitoshi Murayama, UC Berkeley  
Mark Palmer, Brookhaven NL  
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Ritchie Patterson, Cornell Univ.  
Roman Poeschl, IJC Lab, Orsay  
Aidan Robson, Univ. of Glasgow  
Marc Ross, SLAC  
Frank Simon, MPI Munich  
Steinar Stapnes, CERN  
Junping Tian, Tokyo Univ.  
Andrew White, Univ. of Texas Arlington, co-chair

## Local Organizing Committee

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Michael Peskin, SLAC  
Dong Su, SLAC

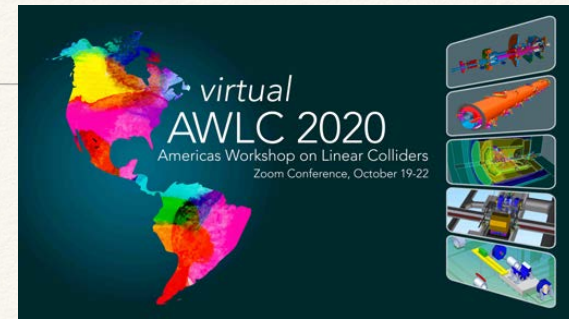
## International Advisory Committee

Halina Abramowicz, Tel-Aviv Univ.  
Jonathan Bagger, TRIUMF  
Ursula Bassler, CNRS/IN2P3  
Barry Barish, Caltech  
Ignacio Bediago, CBPF, Rio de Janeiro  
Pierluigi Campana, LN Frascati  
Marcel Demarteau, Oak Ridge NL  
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Mark Winter, IPHC Strasbourg  
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Eunil Won, Korea Univ.  
Hitoshi Yamamoto, Tohoku Univ.  
Satoru Yamashita, Tokyo Univ.  
Masanori Yamauchi, KEK  
Rik Yoshida, Argonne NL



# Questions for Speakers



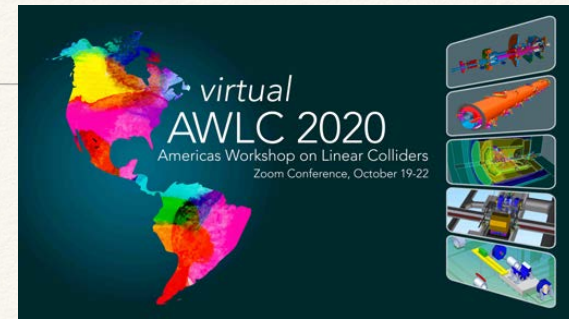
- ❖ Questions for the plenary speakers will be accepted on Google forms during the meeting. As time allows, they will be read to the speakers after each talk.
- ❖ Submit a question at these pages:
  - ❖ Mon: <https://forms.gle/gXXHtpoUsHydmTMx7>
  - ❖ Tue: <https://forms.gle/pooPQPiUffL7MmDc7>
  - ❖ Wed: <https://forms.gle/vNE1ynQps8WnN8yD8>
  - ❖ Thu: <https://forms.gle/FVvX9os3ufq6mjCm8>



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- ❖ So, we hope the program will inform you of the latest developments,  
the plans for the next few years,  
and will motivate you to engage and contribute to our efforts toward realization of the ILC project.