EXHIBITORS

Faraday Cup Award: Faraday-cup.com
THE (REMOTE) JACOW TEAM!

Renan Picoreti – CNPEM

Jan Chrin - PSI

Volker Schaa - GSI

David Button - ANSTO

Anthony Cuffe - JLab
Consider publishing an extended version of your IBIC paper in PRAB

PRAB Special Edition

Physical Review Accelerators and Beams (PRAB) is publishing a Special Edition for the 5th International Beam Instrumentation Conference, IBIC 2020, which is held remotely on 14–19 September 2020. Ubaldo Iriso from the ALBA-CELLS will act as the Editor of this Special Edition.

PRAB is an all-electronic open access journal published by the American Physical Society and available at https://journals.aps.org/prab/. PRAB conference editions provide global access and archiving beyond that ordinarily offered by conference proceedings.

A complete collection of papers submitted to IBIC 2020 are posted on JACoW (http://www.jacow.org), without any further review of its scientific content. The Scientific Program Committee recommends that all conference authors consider submitting an extended version of their IBIC 2020 paper to PRAB. If accepted for publication they will be published both as regular PRAB articles and as part of the IBIC 2020 Special Edition, thus increasing its visibility.

There are many reasons why you should consider publishing in the IBIC 2020 Special Edition.

Publication Guidelines

Authors must submit their manuscripts directly via the PRAB submission website, and they should note that their paper is for the IBIC 2020 Special Edition in the message accompanying the submission.

Submission Guidelines can be found here: https://journals.aps.org/authors/web-submission-guidelines-physical-review.

There is no deadline, but submission before 31 January 2021 is encouraged.

Contact

If you have general questions related to the PRAB policies, please contact the PRAB Editor Frank Zimmermann (frank.zimmermann@cern.ch).

If you have particular questions regarding publishing your paper in the IBIC 2020 Special Edition, please contact the Special Conference Editor Ubaldo Iriso (ubaldo.iriso@cello.eu).

We look forward to your contribution.
The Faraday Cup Award

Submission Deadline: February 21, 2020

We look forward to see you in Brazil!

See you in Santos Brazil.

What is a Faraday Cup?

A Faraday Cup is a device for measuring the current in a beam of charged particles. In its simplest form, it consists of a conducting metallic chamber or cup, which intercepts a particle beam. An electrical lead is attached which conducts the current can be as simple as an ammeter in the conducting lead to ground or a voltmeter or oscilloscope displaying the voltage developed across a resistor from the conducting lead to ground. A bias voltage applied either to the cup itself or a repelling grid preceding the cup, or a magnetic field, is usually used to prevent secondary emission from distorting the readings. The design can be significantly more complicated with other components necessary to make measurements of very short pulses or very high energy beams which may not be fully stopped in the thickness of the conductor.
• Whova platform, including the Q&A boards and communities will be online for several months!
• Feel free to continue asking and answering the Q&A boards and topics of the communities!
• Proceedings will be published and linked from the Indico Website: https://indico.jacow.org/e/ibic2020
IBIC 2020 LOCAL Organizing Committee

Renan Picoteti
Gustavo Bruno
Henrique Caiafa
Daniel Tavares
Priscila Alves
Dora Marques
Lucas Dias
Santos city
Santos city (before the pandemic)
Starting at 1 pm UTC
6 am in Vancouver and California

Finishing at 4h30 pm UTC
2:30 am in Melbourne
Please answer the survey you are going to receive by e-mail!
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Thank you!
THANK YOU!