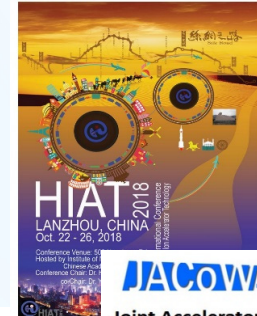


Scripting Overview

Tools for Prior to/During/After Conference

The links below lead to detailed listings of the many facets of the conference, including Portable Acrobat Format (PDF) files of all invited and contributed papers, together with slides from oral presentations.



Index of papers by:

- Session
 - Classification
 - Author
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- Proceedings Volume [60 MB]
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- Preface
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<https://doi.org/10.18429/IACoW-IPAC2021-MOXC01>

Title	Combined Effect of Beam-Beam Interaction and Beam Coupling Impedance in Future Circular Colliders
Authors	<ul style="list-style-type: none"> • Y. Zhang, N. Wang • IHEP, Beijing, People's Republic of China • E. Cardozo • CERN, Geneva, Switzerland • M. Migliorati • SBAI, Roma, Italy • M. Zobor • INFN/LNF, Frascati, Italy
Abstract	The future large scale electron-positron colliders, such as FCC-ee in Europe and CEPC in China, will rely on the crab waist collision scheme with a large Pinwinski angle. Differently from the past generation colliders both luminosity and beam-beam tune shifts depend on the bunch length in such a collision scheme. In addition, for the future circular colliders with extreme beam parameters in collision several new effects become important such as beamstrahlung, coherent X- γ instability and 3D flip-flop. For all these effects the longitudinal beam dynamics plays an essential role and should be taken into account for the collider luminosity optimization. In this paper we discuss an impact of the longitudinal beam coupling impedance on the collider performance.
Funding	This work is supported by National Key Programme for S&T Research and Development, China (Grant No. 2018YFA0404000), National Natural Science Foundation of China (No. 11775238, No. 11775239).
Paper	download MOXC01.PDF [0.344 MB / 6 pages]
Slides	download MOXC01_TALK.PDF [2.269 MB]
Export	download as BibTeX * LaTeX * Text/Word * BIS * EndNote
Conference	IPAC2021
Series	International Particle Accelerator Conference (12th)
Location	Campinas, SP, Brazil
Date	24-28 May 2021
Publisher	IACoW Publishing, Geneva, Switzerland
Editorial Board	<ul style="list-style-type: none"> Liu Lin (LNLS, Campinas, Brazil); John M. Byrd (AML, Lemont, IL, USA); Regis Neuschwander (LNLS, Campinas, Brazil); Renan Picotteri (LNLS, Campinas, Brazil); Volker R. W. Schaefer (GSI, Darmstadt, Germany)
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12 Sep 07 09:00-10:30 NIM14 -- Wednesday Morning Session 1

WIM1 -- Wednesday Morning Session 1

WIM1 -- Wednesday Morning Session 1

12 Sep 07 09:00-10:30 NIM14 -- Wednesday Morning Session 1

12 Sep 07 09:00-10:30 NIM14 -- Wednesday Morning Session 1

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Session	Author	Institute
09:00	09:00	

09:00 **Storage Ring and FELs**
Chair: L. Rossi (INFN, Trieste, Italy)

10:30 **RF Structures for the ERLs**
Chair: H. Padamsee (SLAC, Menlo Park, CA, USA)

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Chair: R. Brinkmann (DESY, Hamburg, Germany)

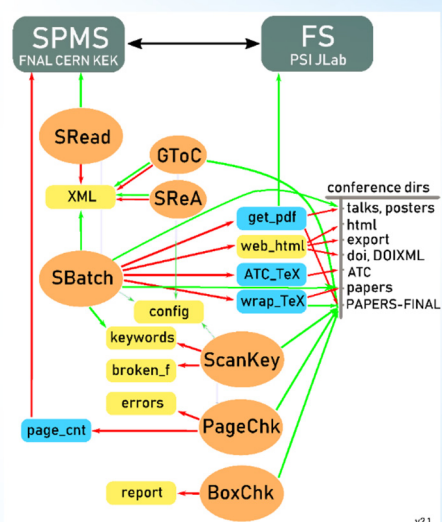
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10:30 **Key and Start**
Chair: G. Stenlund (CERN, Geneva, Switzerland)

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Volker RW Schaa
 GSI, Darmstadt, Germany
 Team Meeting 2021 — Trieste, Italy
 Thursday, 16 Dec 2021, 09:00

Coverage

This presentation will list the different tasks accomplished using JPSP before, during and after the conference.

- * Introduction
- * Pre-Conference
- * During Conference
- * Post Conference

In addition I will try to give an overview of JPSP's modules and what functions they perform.

- * Functions/Modules