

Welcome

Gianluca Inguglia, Slavomira Stefkova,
Soeren Prell, Florian Bernlochner, Motoi
Endo, Karim Trabelsi, Toru Iijima, Carlos
Marinas, Jim Libby



Belle II Physics Week 2025

BELLE II PHYSICS WEEK 2025

Rare decays of beauty and charm hadrons with missing energy

October 6–10, 2025
KEK

Conference & School





















Confirmed speakers :

- Wolfgang Altmannshofer
- Chris Bouchard
- Claudia Cornella
- Hector Gisbert
- Jack Jenkins
- Hajime Nanjo
- Michael Schmidt
- Olcyr Sumensari
- Dayong Wang



Belle II

Warm welcome to all the participants of the Belle II Physics Week 2025

Monday 6 Oct.					29° / 19°
Tuesday 7 Oct.					24° / 18°
Wednesday 8 Oct.					26° / 17°
Thursday 9 Oct.					22° / 17°
Friday 10 Oct.					20° / 17°

<https://indico.belle2.org/event/14981/overview>



Event Map



Rich program in next 5 days

<https://indico.belle2.org/event/14981/timetable/#all>

The Scientific Program

Belle II school

Mornings (Mon-Fri 9:00 - 12:30)

- **Pedagogical introduction** to topics of rare decays of beauty and charm hadrons with missing energy



Belle II workshop

Afternoons (Mon-Thu 14:00 - 18:30)

- **Workshop style** overview of topics of rare decays of beauty and charm hadrons with missing energy

Sake and Poster session

Wednesday @ 19:00

- **Scientific posters** (please refrain from propagating information or taking pictures)
- 3 poster prizes to be won announced on Friday in closeout talk



The Social Program

Party

Tuesday @ 19:00

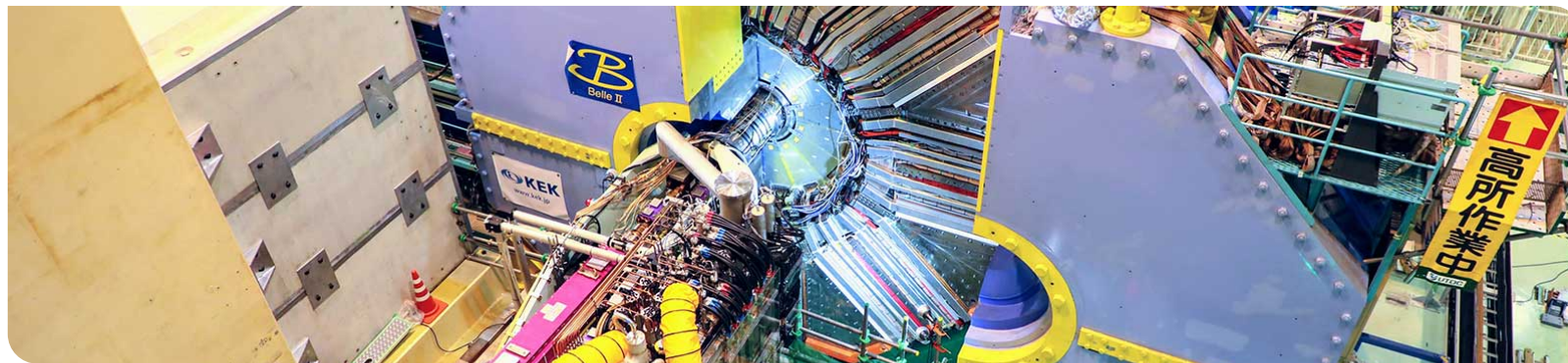
- Dinner and drinks are included



Belle II Detector tour

Thursday @ 9:30

- All external participants are signed-up, mark “Yes” to withdraw column [here](#) if you do not want to participate **by the end of today**
- Transportation will be waiting @ 9:15 in front of Kobayashi Hall
- We have 4 additional places, please sign up [here](#) if you are interested by the end of today



Conference Photo

Friday @ Closeout talk (TBC)

- Everyone bring your smile

Theory x Experiment

Ask your favourite question to theorist

Tuesday, Thursday @ 13:30 - 14:00

- Students and postdocs are welcome to ask any question/curiosity they have
- This will take place in **meeting room 3** in this building



Panel Discussions

Thursday afternoon session starting @ 14:40

- Moderated discussion on all the topics discussed this week to present state-of-art progress and discuss the upcoming challenges (3-4 participants to guide the discussion)
- We plan to record the sessions to serve as a legacy of this workshop

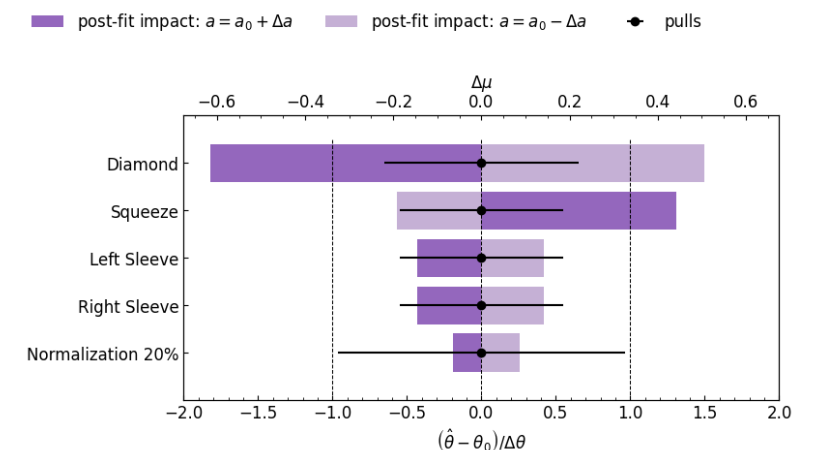
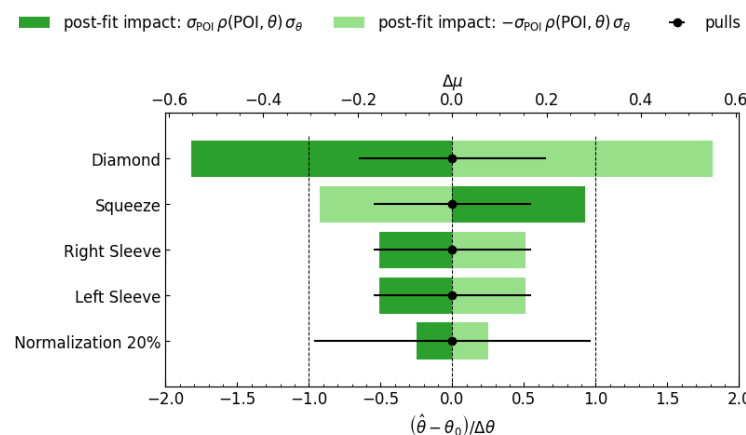
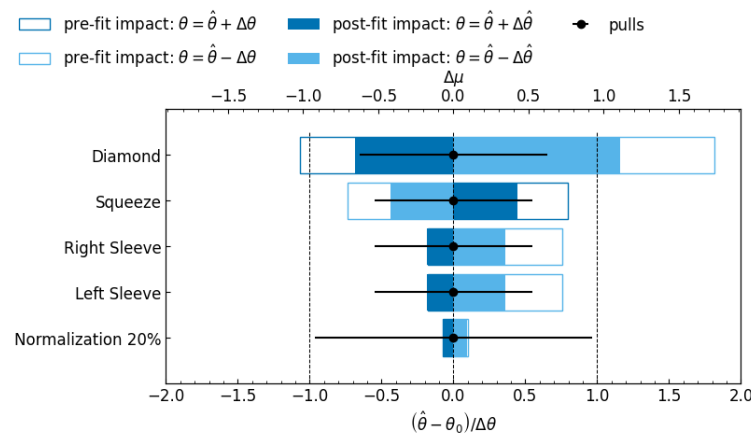


Hands-on Session + EWP

Hands-on Session: Cabinetry

Thursday @ 18:10 ~ 19:40

- Ihor Prudiev kindly volunteered to prepare a mini-hands on challenge
- Cabinetry has been extensively used by analysts using *pyhf* for their fitting and we will delve into the topic of systematics



EWP meeting

Wednesday lunch session

- Over Wednesday lunch we will have a spin-off B2GM in-person Belle II EWP session, follow instructions in the email

Experimental Talks/Posters

Friendly reminder to all the speakers and poster presenters

As this is a conference, all the talks should contain only public results + MC-based sensitivities

No unapproved data is allowed to be shown

If you are unsure, check with the organisers!

Other Useful Information

Maki Ohishi-san sent email with all the important information

Wifi

- Eduroam is accessible
- During the workshop, we provide another connection, whose SSID is "keyaki".
To access, you first open a web browser to access <https://www.kek.jp/> and you are redirected to an authentication page. Use this info to connect to network:
 - event name: Belle II Physics Week
 - event password: belle2physicsweek

Visitor Info

- Link to many information including KEK map, Tsukuba highlights, can be found [here](#)

Payment information

- If you have not paid yet registration fee, please contact Maki Ohishi-san

Earthquakes

- In case of strong earthquake, stay calm, protect your head, take cover under something sturdy (like a table). Once shaking stops, check for hazards (fire sources, damage), and if safe, move to an evacuation area.

Acknowledgments

This week is organised thanks to KEK Theory Center

KEK Theory Secretary: Maki Ohishi-san 🙏

- All the magic behind the scene

Belle II helpers 🙏

- Party preparation and clean-up, poster preparation and clean-up, microphone runners, moderators, tour guides, technical help

Sponsorship(s) 🙏

- Toshiko Yuasa Lab (TYL), Kobayashi-Maskawa Institute, and US-Japan Science and Technology Cooperation Program in High Energy Physics

Thank you!

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Personal note from Gianluca:
He cannot join us in person but will
follow as much as possible remotely

Thank you!

*Let's have productive week,
full of interactions!*

