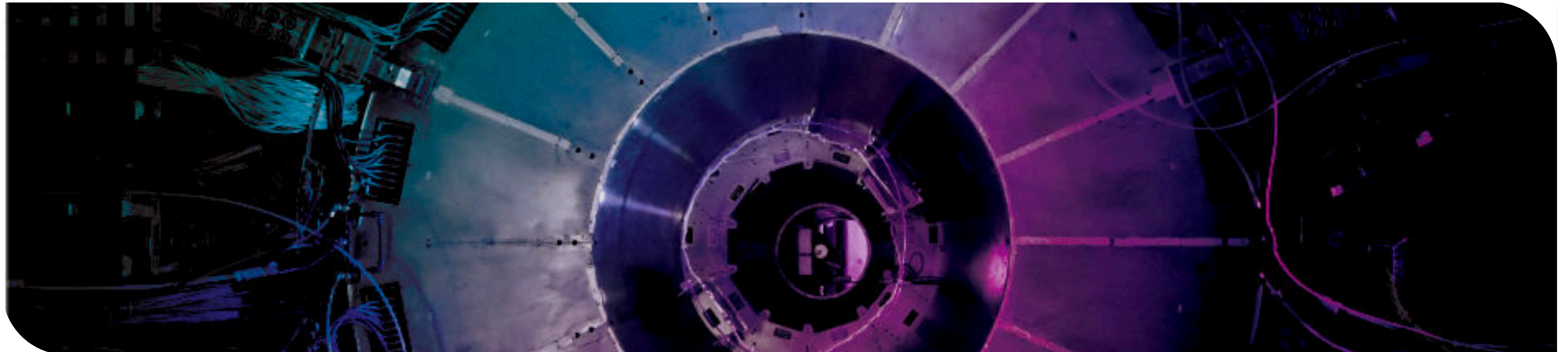


Belle II Germany Meeting

25.09.2023, Karlsruhe, KIT

Prof. Dr. Torben Ferber (torben.ferber@kit.edu, he/him)
Institute of Experimental Particle Physics (ETP)



Welcome to Karlsruhe



Agenda

Tuesday

09:00	Experimental talk on Knunu <i>Kl. HS B</i> 09:00 - 09:15	Belle II Academy Software project <i>Christian Wessel</i>	Upgrade of Belle II Vertex Detector with CMOS Pixel Technology <i>Marika Schwickardi</i>
	$\{lcal(B)\}(B^0 \text{ to } K^*(0) \text{ lnu } \bar{\text{ lnu }})S...$ <i>Lara Nollen</i>	Status of the BASF2 Software Project <i>Giacomo De Pietro</i>	Real time decomposition of beam b... <i>Benjamin Schwen...</i>
	A model-independent likelihood func... <i>Lorenz Ennio Gae...</i>	Automated Photon Energy Resolutio... <i>Alexander Heidelb...</i>	Graph Neural Networks for the first Level Trigger at Belle II – A concept study on future hardware upgrades <i>Marc Neu</i>
10:00	Searches for light Dark Matter from ... <i>Robert Ziegler</i>	Belle II track finding <i>Thomas Lueck</i> HS229.4 09:54 - 10:09	
	iDM+Dark Higgs <i>Kl. HS B</i>		<i>Patrick Ecker</i> 10:12 - 10:27
	Coffee Break <i>Gaede HS, KIT (Campus South)</i> 10:30 - 11:00		
11:00	Discriminating $B \rightarrow D^* \nu$ form factor... <i>Marco Fedele</i>	PXD power supplies <i>Jannes Schmitz</i> HS229.3 11:00 - 11:20	Graph Neural Network based Track ... <i>Lea Reuter</i>
	$D^* \text{ l u}$ (angular analysis) <i>Markus Prim</i> <i>Kl. HS B</i> 11:18 - 11:33	PXD irradiation <i>Georgios Giakoustidis</i> HS229.3 11:25 - 11:45	Object Condensation for ECL Cluste... <i>Isabel Haide</i>
	First Simultaneous Determination of ... <i>Lu Cao</i>	Status and upgrade of the single track trigger <i>Christian Kiesling</i> HS229.3 11:50 - 12:10	Selective background simulation us... <i>Boyang Yu</i>
12:00	$B \rightarrow X \text{ l nu}$ and inclusive $[\text{Vub}]$ at Belle... <i>Tommy Martinov</i>	Recent $B \rightarrow \text{hadron}$ results from Belle II <i>Justin Skorupa</i>	Exploring NN architectures beyond ... <i>Caspar Schmitt</i>
	Lunch 12:30 - 14:00		
13:00			
14:00	The study of $X(3915)$ at Belle <i>Yaroslav Kulii</i>	Checkpointing for GPU workflows <i>Jonas Eppelt</i>	Parallel: Hardware and Upgrade: Afternoon
	$\tau \rightarrow \pi \text{ l } \pi \text{ l } \nu$ decay at Belle <i>Andrey Rabusov</i>	Belle II Software Validation: Updates ... <i>Arul Prakash</i>	
	CP violation in $\tau \rightarrow K^0 \pi \text{ l } \nu$ at ... <i>Katarina Dugic</i>	About Belle II Computing at DESY <i>Dr Andreas Gellrich</i>	
15:00	Measuring the Weinberg angle at Belle... <i>Lukas Grussbach</i>	Grid Storage for Local Groups in Ger... <i>Matthias Schnepf</i>	
	Lepton flavor violating decays $B^0 \rightarrow \dots$ <i>Nathalie Eberlein</i>		HS229.3 14:00 - 15:30
	Coffee Break <i>Gaede HS, KIT (Campus South)</i> 15:30 - 16:00		
16:00			

Monday

14:00	Welcome <i>Torben Ferber</i> <i>Gaede HS, KIT (Campus South)</i> 14:00 - 14:10
	PXD2 Status <i>Fabian Becherer</i> <i>Gaede HS, KIT (Campus South)</i> 14:10 - 14:35
	Flavor Physics @ CMS <i>Achim Geiser</i> <i>Gaede HS, KIT (Campus South)</i> 14:40 - 15:05
15:00	Feebly interacting particles in rare decays <i>Felix Kahlhoefer</i> <i>Gaede HS, KIT (Campus South)</i> 15:10 - 15:35
	Sustainability in high energy physics <i>Michael Dueren</i> <i>Gaede HS, KIT (Campus South)</i> 15:40 - 16:05
16:00	Coffee Break <i>Gaede Foyer</i> 16:10 - 16:30
	$B \text{ to } \rho \text{ nu } \bar{\text{ nu}}$ and $B \text{ to } \pi \text{ nu } \bar{\text{ nu}}$ (and their correlations) <i>Gudrun Hiller</i> <i>Gaede HS, KIT (Campus South)</i> 16:30 - 16:55
17:00	PT DESY <i>Meinhard Maren</i> HS229.4 17:00 - 17:20
	FSP Report <i>Johanna Haeusler</i> HS229.4 17:20 - 17:40
	Sustainability <i>Thomas Kuhr</i> HS229.4 17:40 - 18:00
18:00	Young Scientist Forum: Young Scientist Forum <i>Christian Wessel</i> <i>Gaede HS, KIT (Campus South)</i> 17:00 - 18:00

Wednesday

08:00	PI Meeting <i>Thomas Kuhr</i>
09:00	HS229.4 08:00 - 09:30
	Coffee break/Katerfrühstück 09:30 - 10:00
10:00	Hardware/Upgrade Summary <i>Benjamin Schwenker et al.</i> <i>Gaede HS, KIT (Campus South)</i> 10:00 - 10:20
	Software/Performance/Computing Summary <i>Matthias Schnepf et al.</i> <i>Gaede HS, KIT (Campus South)</i> 10:25 - 10:45
11:00	Analysis/Theory Summary <i>Eldar Ganiev et al.</i> <i>Gaede HS, KIT (Campus South)</i> 10:50 - 11:20
	Belle II Social Media: Warum und wie? <i>Isabel Haide</i> <i>Gaede HS, KIT (Campus South)</i> 11:30 - 11:40
	Closeout <i>Torben Ferber</i> <i>Gaede HS, KIT (Campus South)</i> 11:50 - 12:00
12:00	

Zoom connections

- Plenary (Monday and Wednesday): <https://kit-lecture.zoom.us/j/62253577791?pwd=VENHS00wbitjOXdqVGhzZVhLaWxQZz09> (Passcode: 161553)
- Young Scientist Forum: <https://kit-lecture.zoom.us/j/62063329290?pwd=VUdITk9Bdjh2dDZ0ek9tTGI5UFJDZz09> (Passcode: 856463)
- Physics/Analysis: <https://kit-lecture.zoom.us/j/69278845509?pwd=NWdhZUJtcFF4RkJnU0xVaVQ4K2IDdz09> (Passcode: 210876)
- Software/Performance/Hardware: <https://kit-lecture.zoom.us/j/62491189921?pwd=WVpKM0N5NGduRW92QkFJSzkzbUdkUT09> (Passcode: 881564)
- Hardware/Upgrade: <https://kit-lecture.zoom.us/j/67747369483?pwd=OXJPeU43SkIGdjhyVEh1NmYrZkRHZz09> (Passcode: 519728)

Rooms (all in this building)

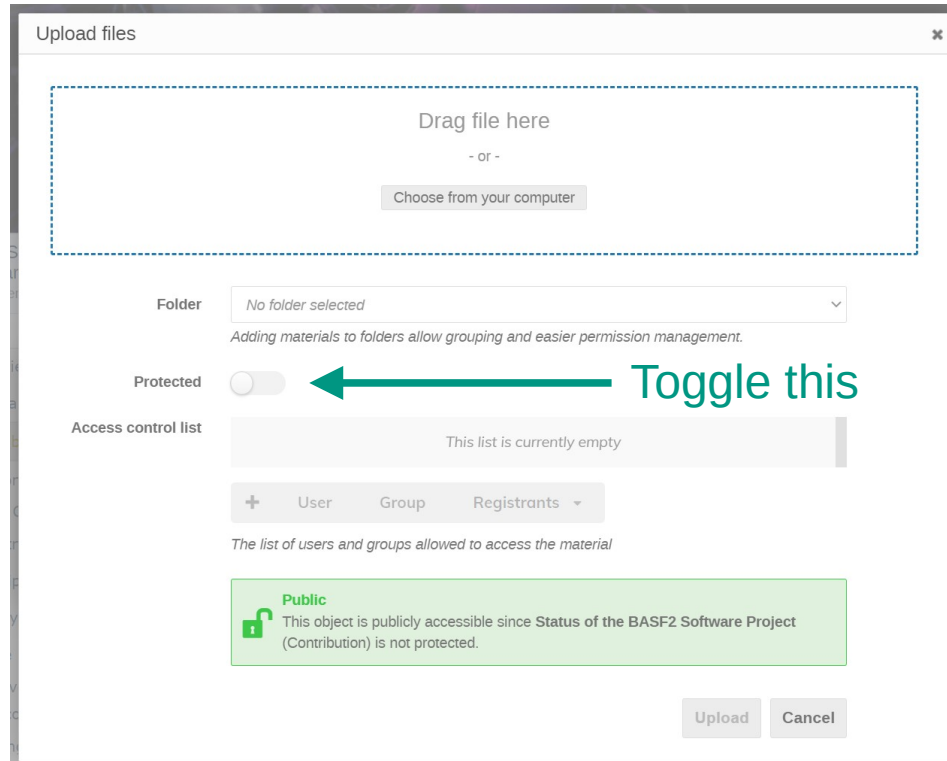
- Gaede Lecture hall (2nd floor)
 - Plenaries and Young Scientists
- SR 229.3 (2nd floor)
 - Hardware/Upgrade
- SR 229.4 (2nd floor)
 - Software/Performance/Computing and PI Meetings
- KI. HS B (ground floor)
 - Physics/analysis parallel

- **All coffee breaks: 2nd floor**

- The event is public, so please protect your talks as described in the following slides

How to upload the slides

- You must set “Protected” when you upload the slides and grant access to the “LocalBelle2” group



Upload files

Drag file here
- or -
Choose from your computer

Folder: No folder selected
Adding materials to folders allow grouping and easier permission management.

Protected: **Toggle this**

Access control list: This list is currently empty

+ User Group Registrants -

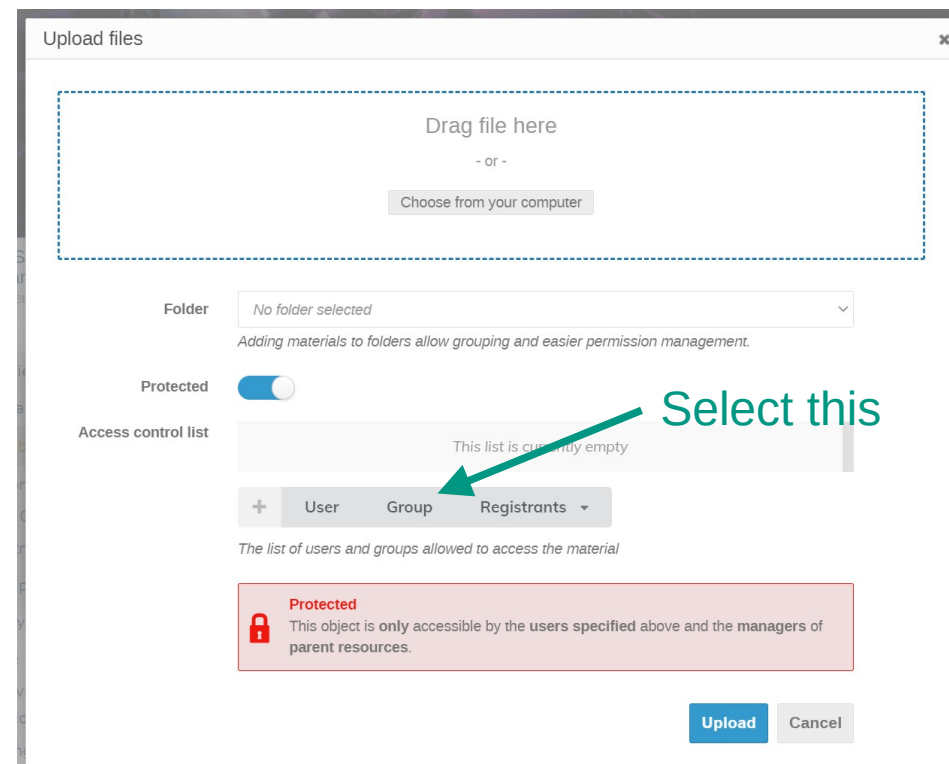
The list of users and groups allowed to access the material

Public: This object is publicly accessible since Status of the BASF2 Software Project (Contribution) is not protected.

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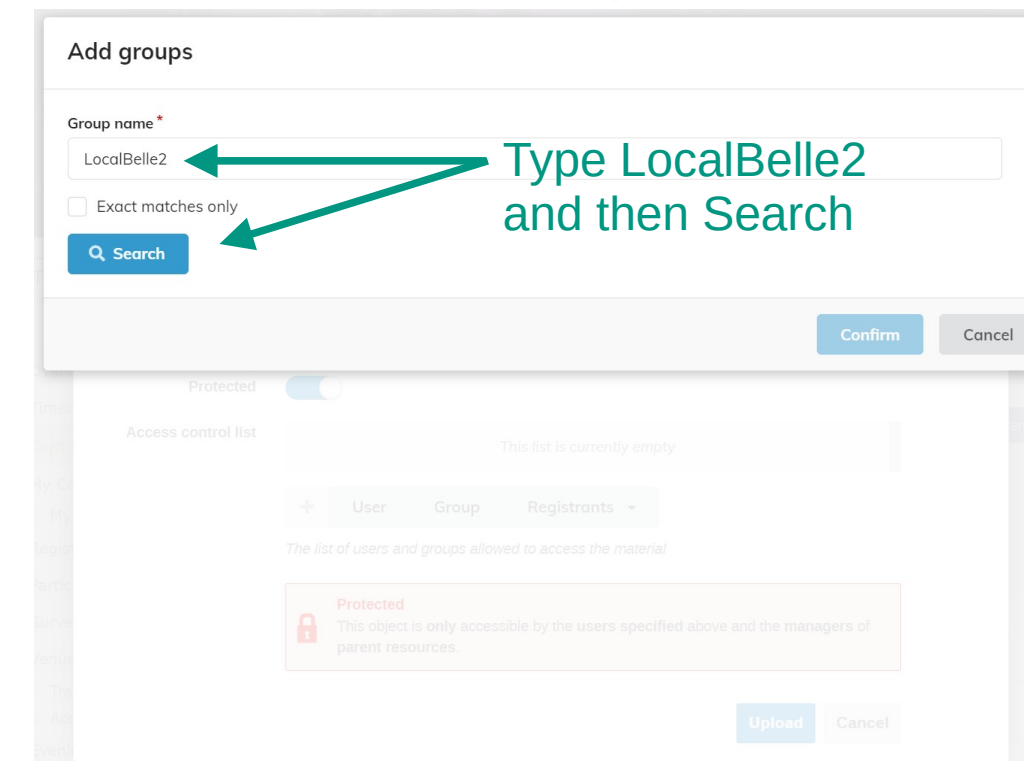
The list of users and groups allowed to access the material

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Add groups

Group name: LocalBelle2 **Type LocalBelle2 and then Search**

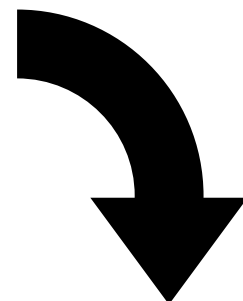
Exact matches only

Search


Confirm Cancel

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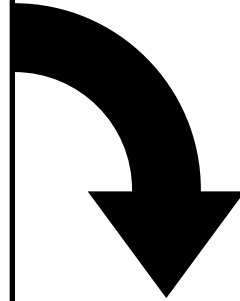
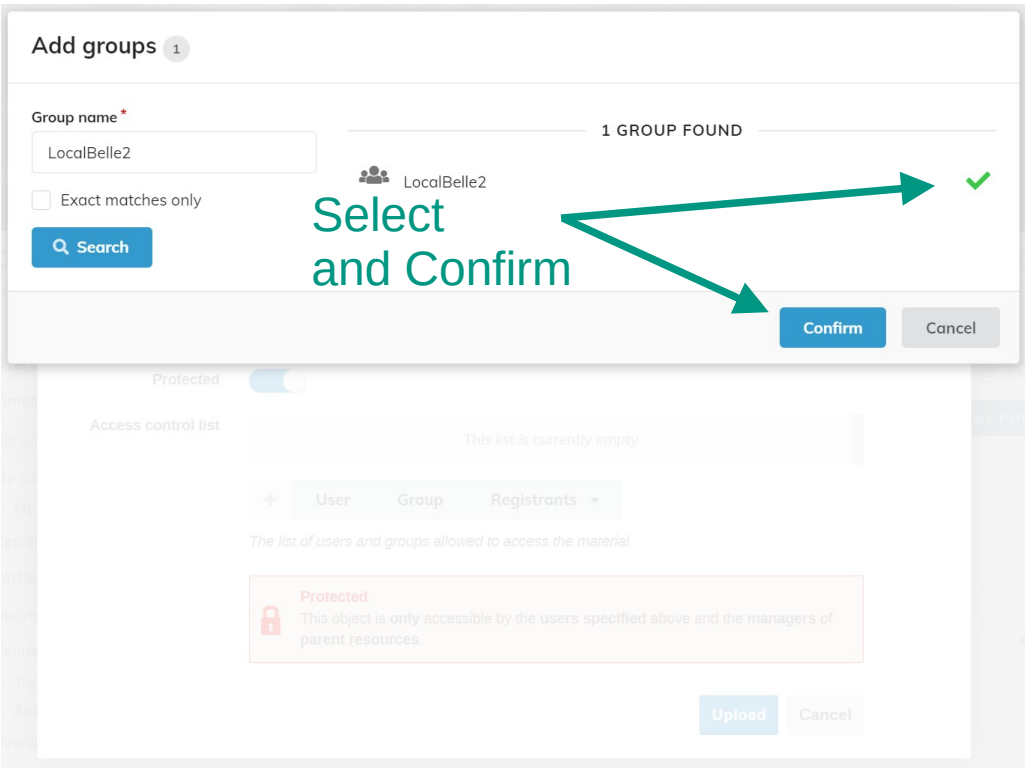
Upload Cancel




How to upload the slides



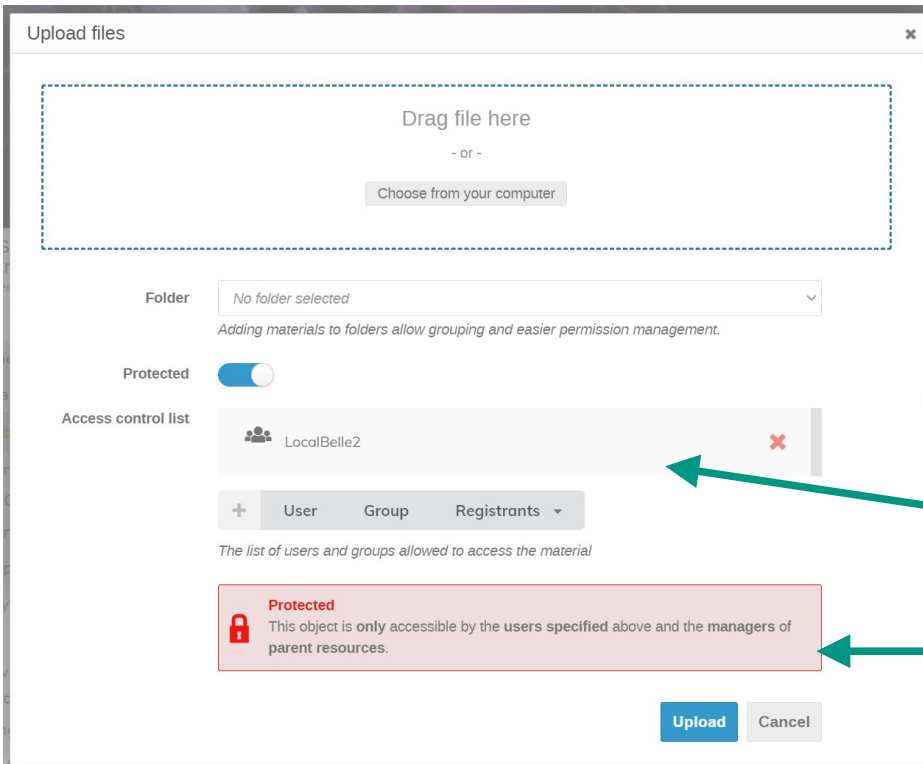
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How to upload the slides



■ You must set “Protected” when you upload the slides and grant access to the “LocalBelle2” group



If you see LocalBelle2 and Protected then you can upload your slides!

- We will take pictures and post them on social media
 - If you don't want to be on such pictures, add yourself to the picture publication veto list
- We ask you to respond within 24 hours
- Group picture in coffee break today
 - Outside at “Fermi Lake”, follow us!

Lunch

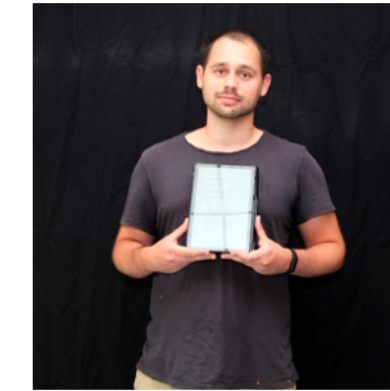
- Many lunch options in between here and the city center
 - Good vegan options in walking distance: Kulturküche, Mensa, Veggiez
- Mensa requires a KIT-card: Join KIT-people and pay them in cash

Our workshop is dedicated to providing a harassment-free workshop experience for everyone, regardless of gender, gender identity and expression, age, sexual orientation, disability, physical appearance, body size, race, ethnicity, religion (or lack thereof), or technology choices. We do not tolerate harassment of conference participants in any form. Sexual language and imagery are not appropriate for any workshop venue, including talks, workshops, social activities related to the workshop, Twitter/X, and other online media. Participants asked to stop any harassing behavior are expected to comply immediately. Workshop participants violating these rules may be sanctioned or expelled from the workshop at the discretion of the workshop organizers.

If you experience any kind of harassment or discrimination or feel uncomfortable for any reason, please contact the local organizers or the FSP speakers. They will provide help and contact to the workshop organizers, if necessary, and in agreement with you.

Tuesday activities

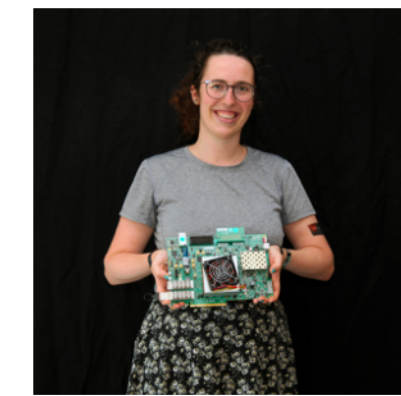
- Aquarell and Archery: Please pay **Jonas** today!



- Aquarell: **16:30 here**, follow **Lea**



- Archery: **16:30 here**, follow **Isabel**



- Dancing: **17:00 here**, follow **Sally**



- Soccer: **16:30 here**, follow **Alex**



Tuesday 9 pm, Z10 Pub on Campus!



cheap beer and drinks!

physics and non-physics questions

PUB QUIZ

Prizes for the best 3 teams!

*privately organised and not part of official FSP meeting

Dinner

- Self paid, a la carte:
<https://purino.de/karlsruhe/speisekarte>
- **Today**, room reserved from 19:00
- Purino Schloss Gottesau
(not Mühlburger Tor)
- 1.9km, 27min by foot, **we are leaving 18:15 from here**, follow **Alex**

