

Welcome to the  
EXA 2021 online conference  
September 13 - September 17, 2021

organised by the

Stefan Meyer Institute (SMI) of the  
Austrian Academy of Sciences (OeAW)

# EXA 2021 in a nutshell

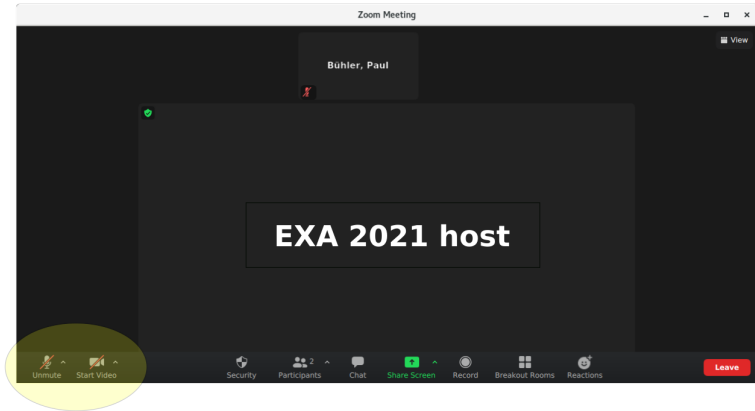
- 5 days, each day 2 hours
- One chair person per day
- 4 days with plenary talks
- Thursday with virtual "poster" session

see [timetable](#) for up-to-date information

| S: 20 min.<br>L: 30 min. | Monday, 13.09.21  | Tuesday, 14.09.21   | Wednesday, 15.09.21  | Thursday, 16.09.21 | Friday, 17.09.21  |
|--------------------------|---|---|--|--------------------|---|
| Chair                    | Klaus Jungmann, RUG   | Paolo Crivelli, ETHZ  | Avraham Gal, Jerusalem   | Martin Simon, SMI  | Catalina Curceanu, INFN   |
| Talk 1                   | <b>Randolf Pohl, Mainz</b><br>Is the proton charge radius puzzle solved?              | L <b>Paolo Girotti, Pisa</b><br><b>Massimo Passera, Padua</b><br>Muon g-2 - Status of theory and experiment | L <b>A. W. Thomas, Adelaide</b><br>New developments in low-energy QCD                  | L POSTER           | L <b>K. Piscicchia, CREF</b><br>Low-energy kaon-nuclei interactions studies at DAFNE                        |
| Talk 2                   | <b>David Cassidy, UCL</b><br>Measurement of the positronium fine structure            | L <b>Pin-Jung Chiu, PSI</b><br>Measurement of the permanent electric dipole moment of the neutron           | S <b>Detlev Gotta, Jülich</b><br>Pionic hydrogen and deuterium                         | S POSTER           | S <b>Eric Hunter, SMI</b><br>Minimizing Plasma Temperature for Antimatter Mixing Experiments                |
| Talk 3                   | <b>Ben Ohayon, ETHZ</b><br>Mu-MASS experiment at PSI                                  | S <b>Claudio Cesar, Rio de Janeiro</b><br>Alpha - Laser cooling of antihydrogen atoms                       | L <b>J. Pochodzalla, Mainz</b><br>Overview - Hypernuclei and Hyperatoms                | L POSTER           | S <b>Eulogio Oset, IFIC</b><br>Current understanding of the Kbar-N, Kbar-atom and Kbar-nucleus interactions |
| Talk 4                   | <b>Shoichiro Nishimura, KEK</b><br>Spectroscopy of the hyperfine structure in muonium | S <b>Elise Wursten, RIKEN</b><br>Recent results from the BASE experiment                                    | S <b>M. Marqués, LPCC</b><br>The neutron as a building block                           | S POSTER           | S <b>F. Sakuma, RIKEN</b><br>Summary of the K-pp bound-state observation in E15                             |
| Talk 5                   | <b>Tim Woltz, CERN</b><br>Stimulated decay and formation of antihydrogen atoms        | S <b>Masaki Hori, MPG</b><br>Laser spectroscopy of pionic helium atoms                                      | S <b>Laura Fabbietti, TUM</b><br>Measurements of hadron-hadron interactions with ALICE | L POSTER           | S <b>Tadashi Hashimoto, JAEA</b><br>Kaonic atom X-rays at J-PARC  |

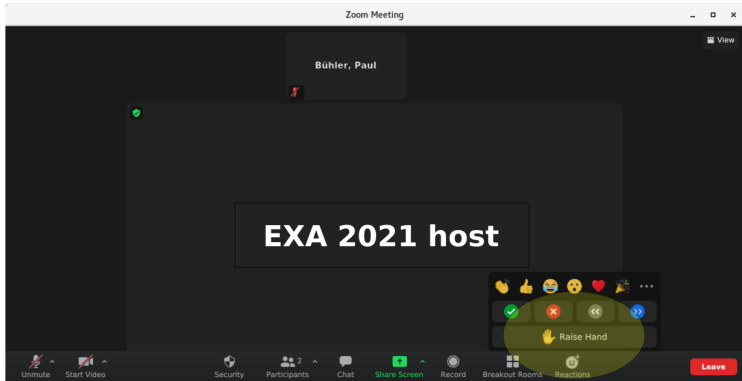
# Rules of conduct

- Keep microphone muted and video off



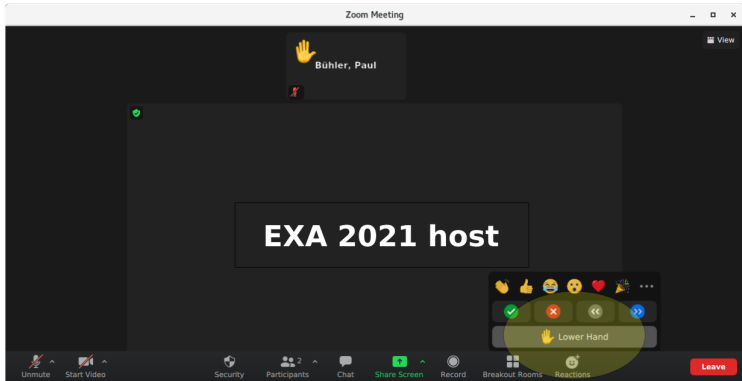
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- Use "Raise hand" if you want to speak and wait until you are asked to unmute and talk



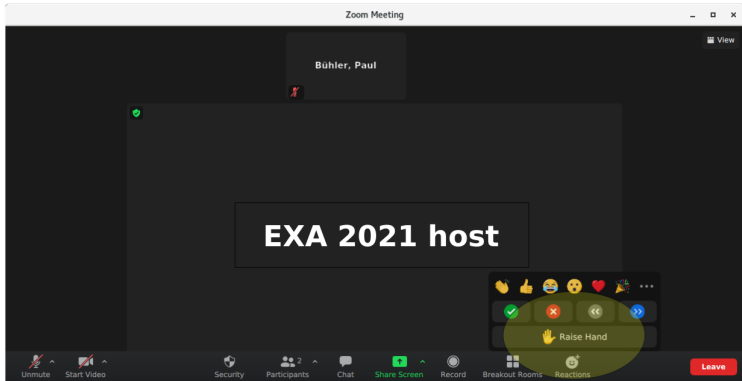
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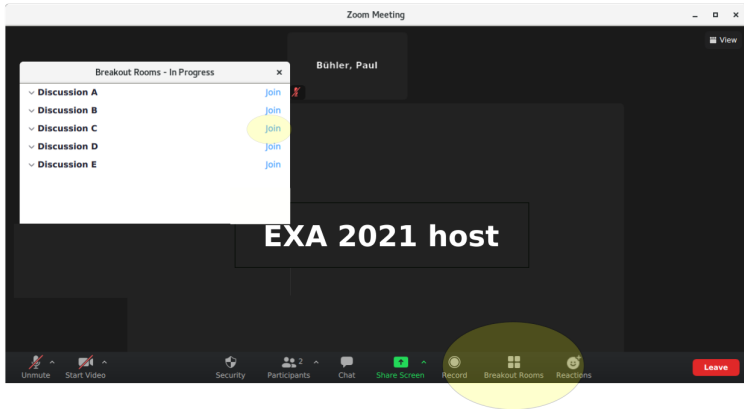
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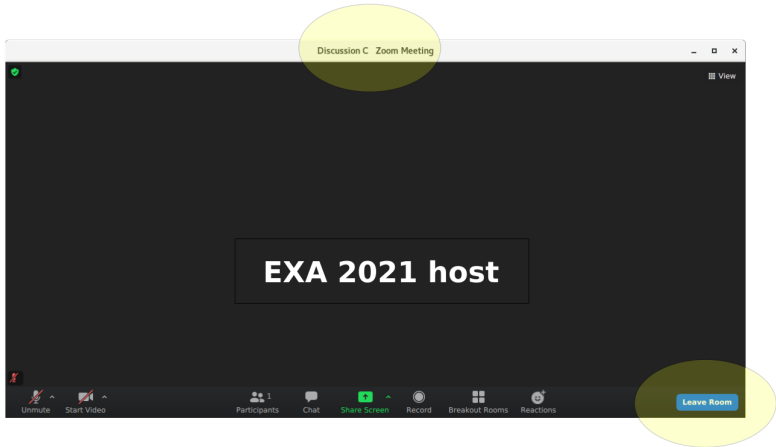
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- A few break-out rooms are available where you can arrange for separate meetings with other participants



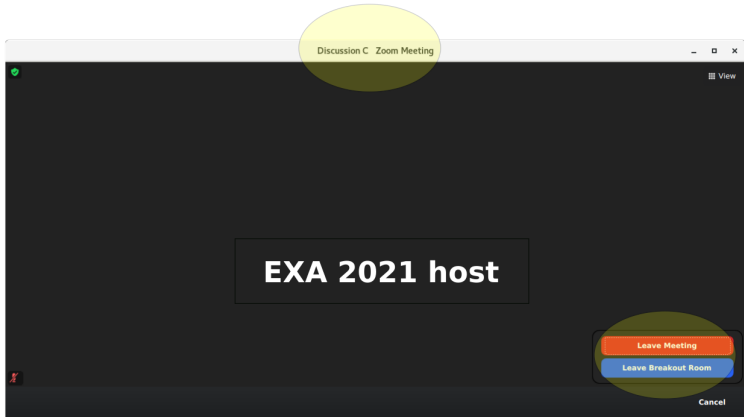
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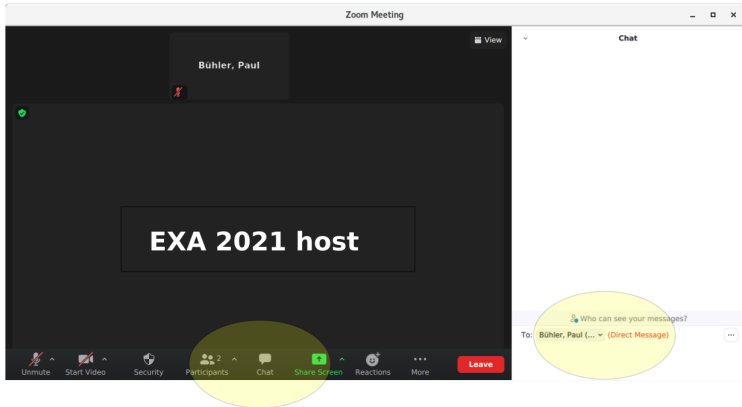
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# Rules of conduct

- For general questions about the meeting, chat with **Host** or send email to [exa.ssp@oeaw.ac.at](mailto:exa.ssp@oeaw.ac.at)



# Important addresses

EXA 2021 email

[exa.ssp@oeaw.ac.at](mailto:exa.ssp@oeaw.ac.at)

INDICO with timetable

<https://indico.gsi.de/event/9289/>

List of Thursday contributions

[Thursday contributions](#)

Zoom link

see email from September 9, 2021 from  
[exa.ssp@oeaw.ac.at](mailto:exa.ssp@oeaw.ac.at)  
subject: EXA 2021 important information

These slides are linked to the Welcome time slot of the timetable on  
the INDICO web site

<https://indico.gsi.de/event/9289/timetable>