





Ciencias Nucleares UNAM



19тн INTERNATIONAL CONFERENCE ON HADRON SPECTROSCOPY AND STRUCTURE











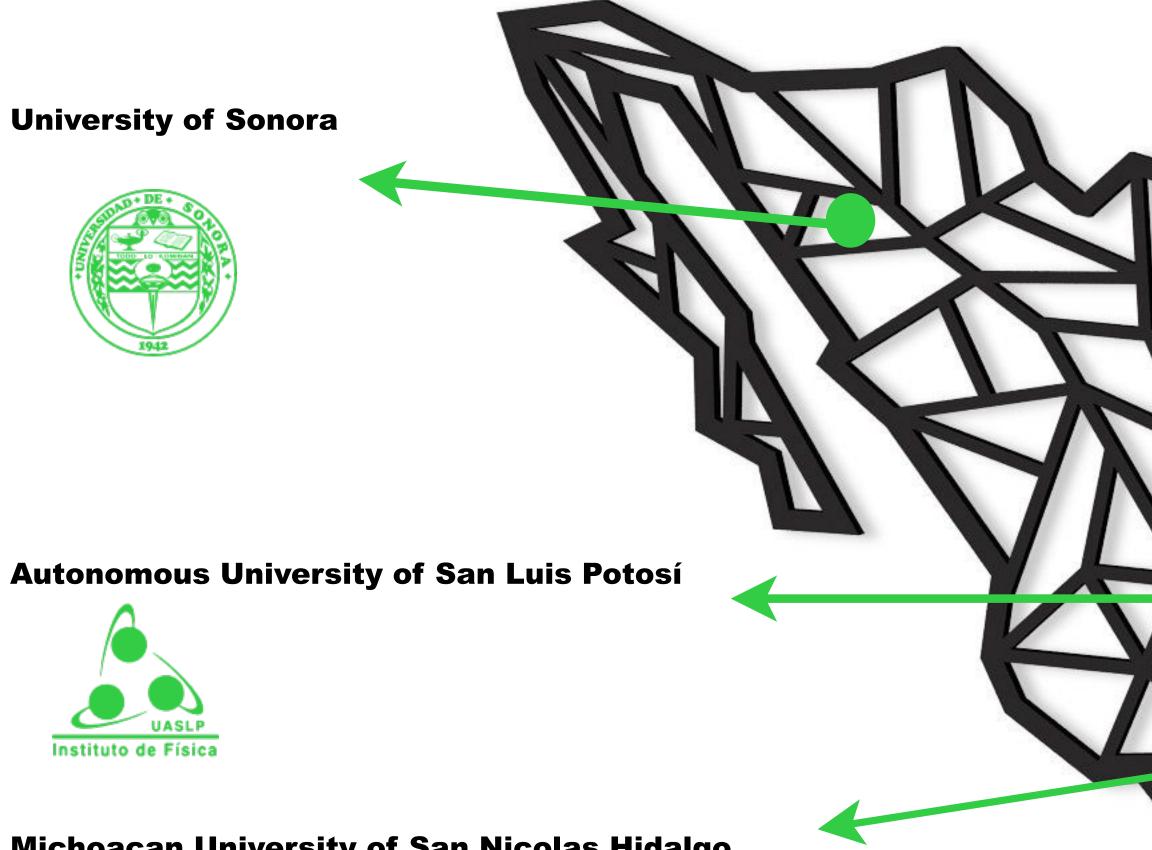




Monday, July 26 **Mexico City**

César Fernández-Ramírez Pablo Roig Aurore Courtoy

Welcome presentation by the Local Organizing Committee



Michoacan University of San Nicolas Hidalgo





Mexican Physical Society (SMF) with the Division of Nuclear Physics (DFN) and Division of Particles & Fields (DPyC)

Mexico City



National Autonomous University of Mexico (UNAM)

- Institute of Nuclear Sciences (ICN)
- Institute of Physics (IF)





Center for Research of the National Polytechnic Institute (CINVESTAV)

Metropolitan Autonomous University (UAM)

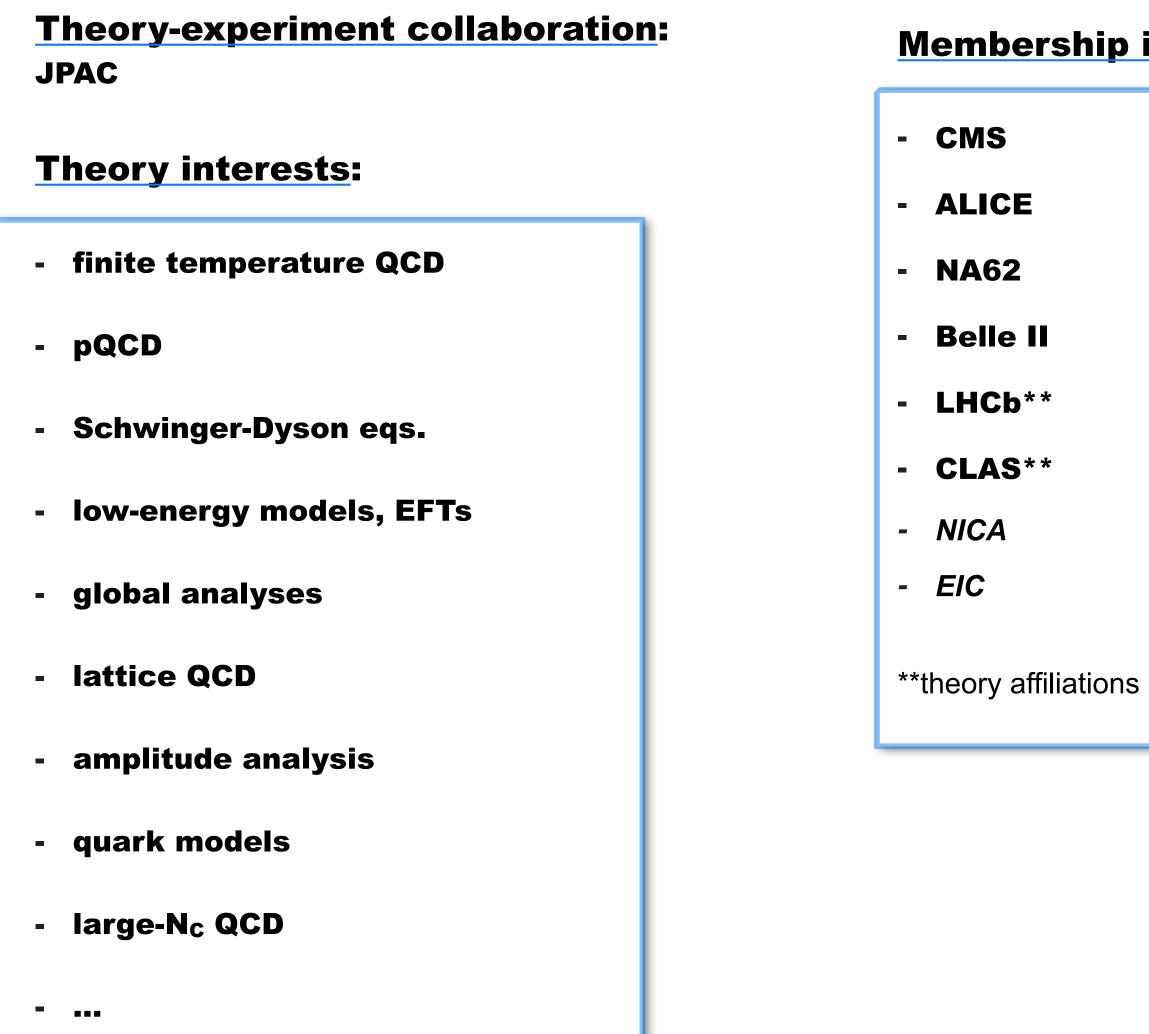


Mesoamerican Center for Theroretical Physics











Including other institutions on top of the LOC:

e.g. UDLAP, U. of Colima, U. Iberoamericana, U. de Sinaloa

Main funding agency:

CONACyT, National Council for Science and Technology







Membership in experiments

BUAP,





Organizing committees

INTERNATIONAL ADVISORY COMMITTEE

Stefano Bianco Volker Burkert Alberto Correa dos Reis Jozef Dudek David Rodríguez Entem Alessandro Feliciello Tim Gershon Atsushi Hosaka Ulf-G. Meissner Mikihiko Nakao Stephan Paul Craig Roberts Adam Szczepaniak Anthony Thomas Hartmut Wittig

Nora Brambilla Wen-Chen Chang Volker Crede Simon Eidelman Paul Eugenio Y.-N. Gao Feng-Kun Guo Wei-Hong Liang Shoji Nagamiya Eulogio Oset *Klaus*Peters Xiao-Yan Shen Ulrike Thoma Ulrich Wiedner Bing-Song Zou Curtis Meyer

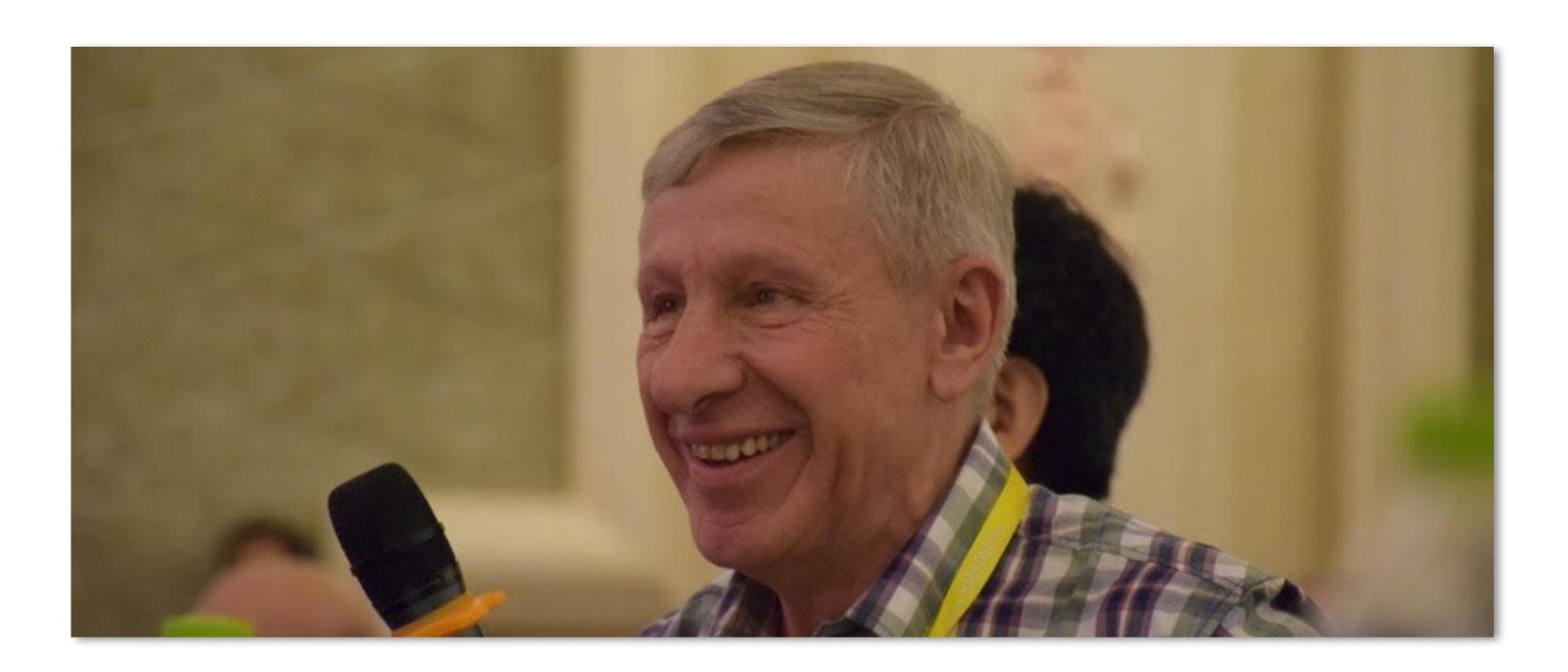
Email during conference: <u>aurorecourtoy@gmail.com</u> (Aurore), <u>cefera@gmail.com</u> (César), <u>paroig@gmail.com</u> (Pablo).



This conference is dedicated to Simon Eidelman (1948-2021) [Семён Исаакович Эйдельман].

Simon was a beloved member of the hadron physics community and the IAC of this conference. He encouraged and supported younger researchers and his scientific contributions to the field were numerous, important, and will have a lasting impact in future generations. He will be deeply missed.

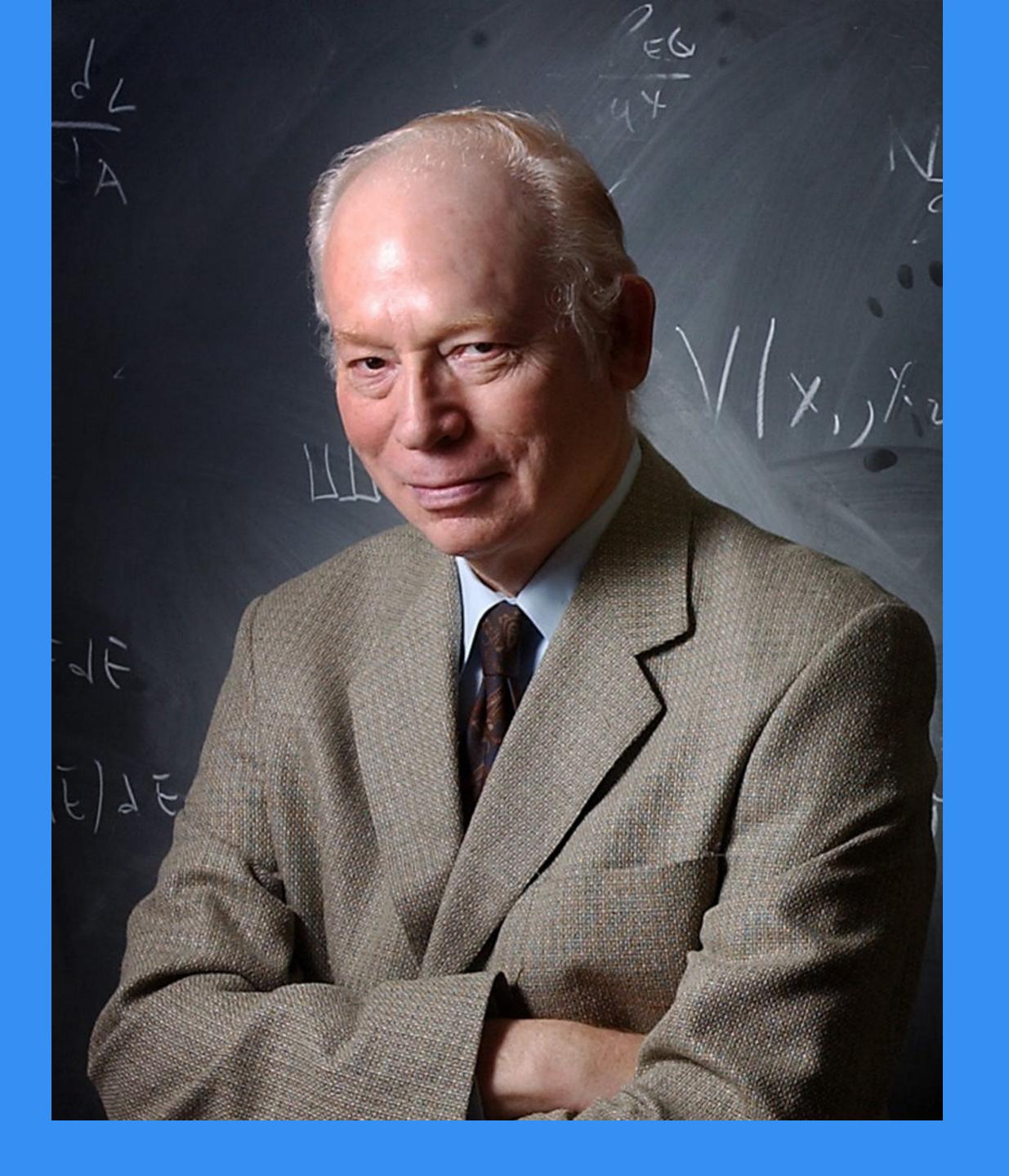
Tribute talk on Saturday: Hadron physics with Simon Eidelman by Boris Shwartz.





This Saturday <u>Steven Weinberg</u> (1933-2021) passed away.

1979 Physics Nobel Laureate, his many scientific contributions were instrumental in developing the field of hadron physics. He will be deeply missed.



Structure of HADRON2021

- Plenary sessions on spectroscopy and structure
- Seven parallel sessions or subtopics
 - Meson Spectroscopy

Volker Crede, Vincent Mathieu, Sasa Prelovsek, Sinead Ryan

- Baryon Spectroscopy

Li-Sheng Geng, Deborah Rönchen, Ulrike Thoma

- Exotic Hadrons and Candidates

Eric Braaten, Bernhard Ketzer, Xiao-Rui Lyu, Alessandro Pilloni

- Hadron Decays, Production and Interactions

Igor Danilkin, Patricia Magalhães, Sebastian Neubert

- Analysis Tools

Alberto Correa dos Reis, Maxim Mai, Marco Pappagallo

- QCD and Hadron Structure

Cristina Aguilar, Carlota Andrés, Martin Hentschinski, Charlotte van Hulse

- Hadrons in Hot and Nuclear Environment Including Hypernuclei

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the two first sessions of Monday, Tuesday, Thursday, Friday* and Saturday

- Iast session of Monday, Tuesday, **Thursday and Friday***
- all Wednesday



- **1** tribute plenary
- 4 round tables
- **12 "coffee breaks"**
- **23** plenary talks
- **24** conveners
- **76 leading parallel talks**
- **194 parallel talks**

- tribute plenary 1
- round tables 4
- **12 "coffee breaks"**
- 23 plenary talks
- 24 conveners
- leading parallel talks 76
- **194 parallel talks**



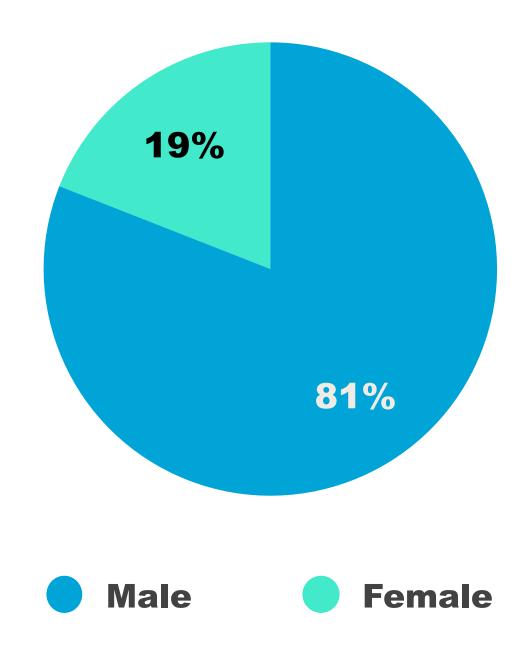
A conference in Mexico is a unique <u>opportunity to foster equity for minorities,</u> beyond prejudices.

"Standards for professional behavior" on http://www.nucleares.unam.mx/hadron2021



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Participation from male and female***

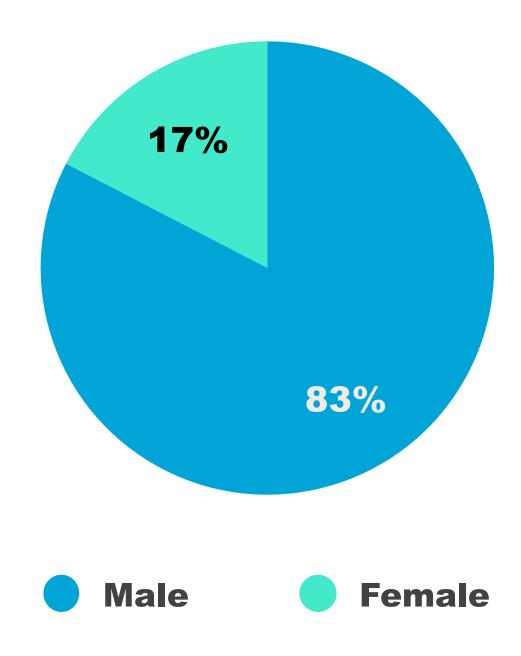


***no data for other (sub) groups.

Consult <u>https://www.genderbread.org/</u> for broader concepts about gender.

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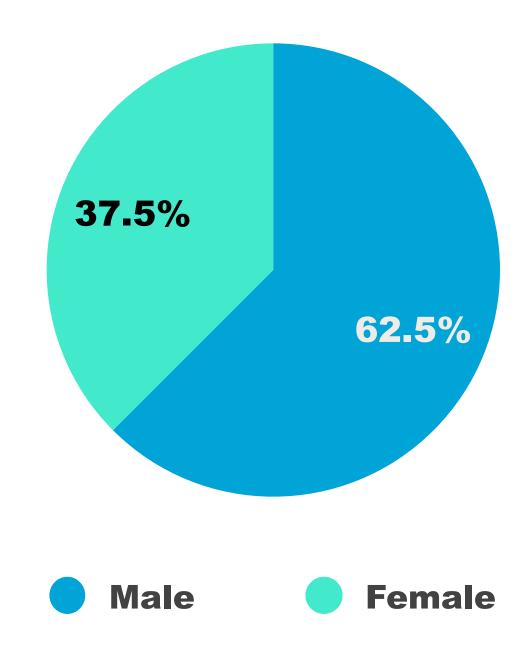


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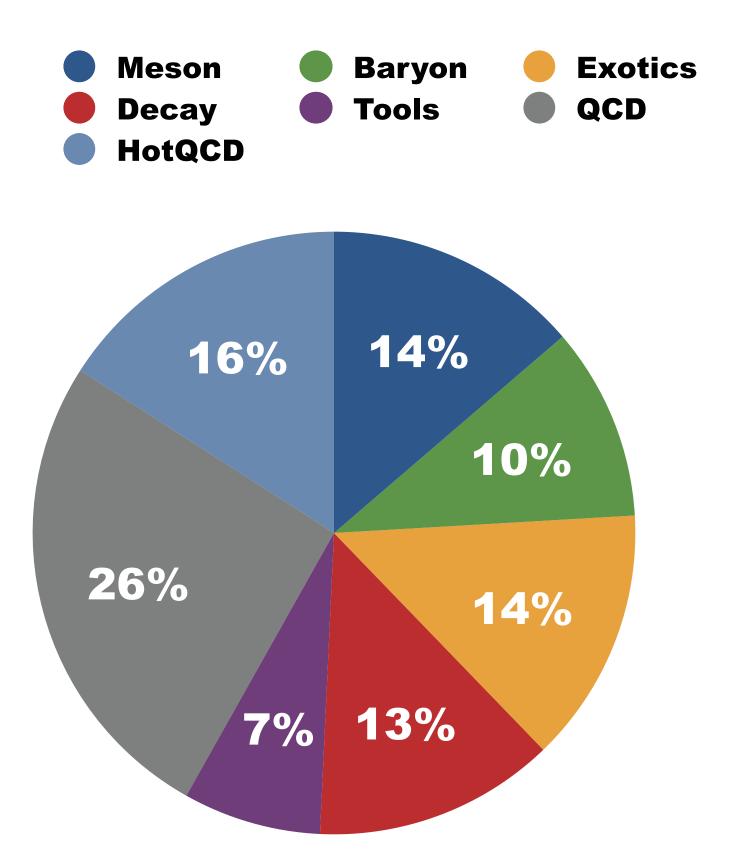
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76 leading parallel talks

194 parallel talks

Contributions from each parallel session



QCD and HotQCD represent 42% of the parallel contributions.

• Present and future of hadron spectroscopy

- Moderator: C. Fernández 0
- Panelists: F.-K. Guo, E. Klempt, R. Mitchell, C. Thomas 0

Open questions in quarkonium suppression

- Moderator: N. Brambilla 0
- Panelists: C. Allton, M. Strickland, X. Yao 0

• QCD phase diagram and link to Neutron Stars: open questions

- Moderator: A. Ayala 0
- Panelists: A. Bauswein, J. Guenther, J. Noronha-Hostler 0

• Complementarity of EIC and LHC

- <u>Moderator</u>: S. Liuti
- <u>Panelists</u>: V. Bertone, P. di Nezza, P. Nadolsky, D. Tapia Takaki

Please, submit questions beforehand to the moderator, conveners or LOC; participate in the round-table.

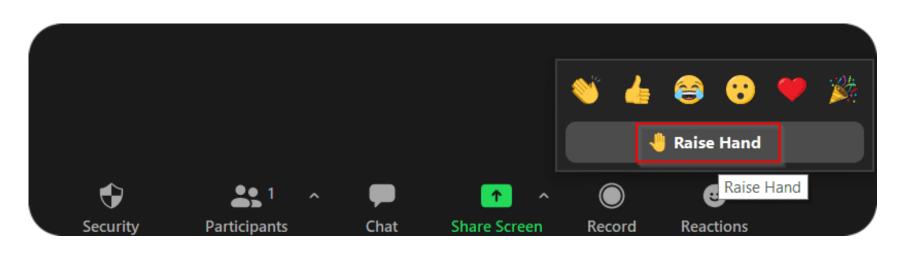
Please write to hadron2021@nucleares.unam.mx if you need

- an invoice for the conference fee
- an attendance certificate
- a presentation certificate

and if any special wording or information needs to be included in the document. We will try accommodate your needs and produce the document as fast as we can.

If you already did and we did not respond, we apologize, we probably missed it among the hundreds of emails we got... please write to us again!

- Turn off your camera
- Mute your microphone
- Once the talk ends, raise your virtual hand to ask questions and comments -



- When the chair invites you, unmute yourself and speak. Mute yourself again to listen to the answer -
- Feel free to use the chat for questions, comments, and discussion. -

Hosted by UNAM

- → Zoom: ICN
- → Design: IF

Follow the "Standards for professional behavior" on http://www.nucleares.unam.mx/hadron2021





- Connect <u>early</u> to your session
- Be prepared to share your presentation, close the color palettes and pop-up windows
- Upload your slides to the Indico before your talk. In this way, we can assist you if your connection is unstable -
- Turn off notifications on your computer.
- You can keep your camera on, but it is entirely your choice, we value and understand your privacy
- Do not worry about surrounding noises, we understand you might be at home -
- nonvirtual life.

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Stay within your allocated time. Your colleagues are in different time zones, and extending the sessions might interfere with their

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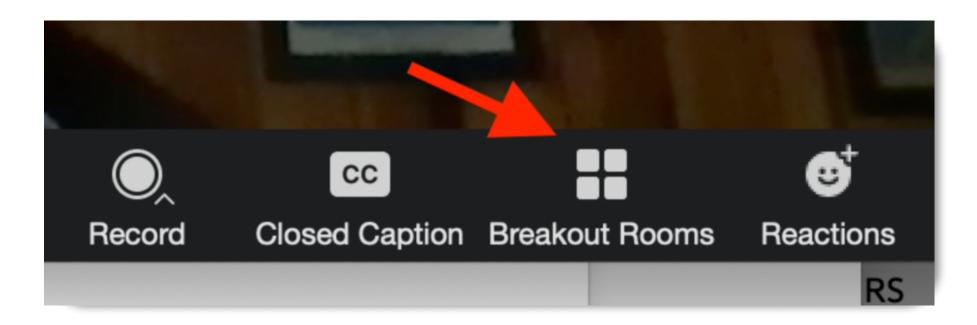


- There is one breakout room per parallel session

- each parallel session will be labelled according to its Indico code, *e.g.* Mesons-1, QCD-A2,...
- both QCD and HotQCD sessions have multiple breakout rooms. Check the Indico. -
- The main Zoom room will remain open
- You are free to join any of them and move from one to another
- All is managed through the breakout room button

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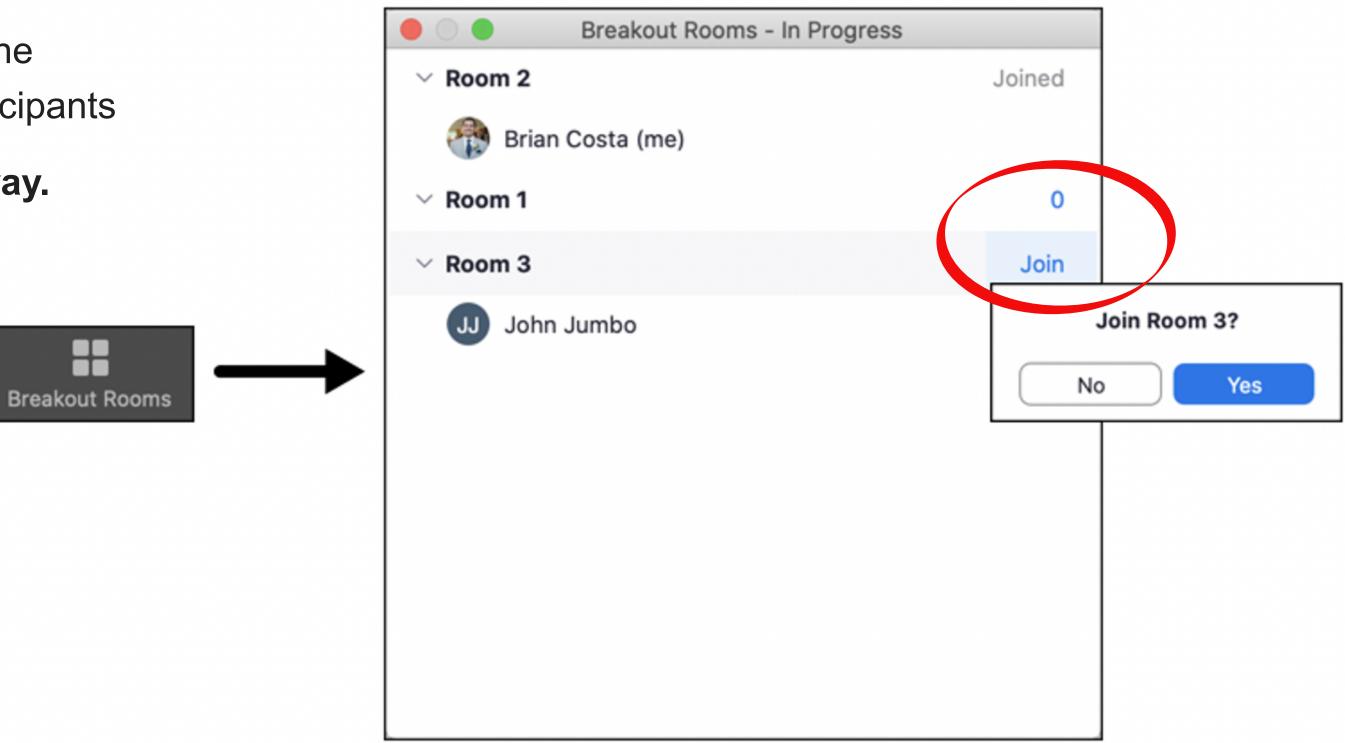


To join a breakout room

- click on the breakout rooms icon;
- then join your preferred one in the list on Mac and Linux, move the cursor to the circled zone for the join button to appear, otherwise show "0" or number of participants

To move from one room to another proceed in the same way.







Help us to foster a healthy scientific environment!

Welcome to HADRON2021, we hope you enjoy the program!



