



The 20th International Conference on

# STRANGENESS in QUARK MATTER

13-18 June 2022, Busan Republic of Korea

## ✓ Scientific topics

- Strangeness and heavy-quark production in nuclear collisions and hadronic interactions
- Hadron resonances in the strongly-coupled partonic and hadronic medium
- Bulk matter phenomena associated with strange and heavy quarks
- QCD phase structure
- Collectivity in small systems
- Strangeness in astrophysics
- Open questions and new developments

Chairs: In-Kwon Yoo (Pusan Nat'l Univ.), Su Houn Lee (Yonsei Univ.), Byung-sik Hong (Korea Univ.)

Sanghoon Lim (PNU), Minding Kweon (Inha), Sungtae Cho (KNU), Beomkyu Kim (SKKU), Seung-il Nam (PKNU), Yongsun Kim (Sejong), Dongho Moon (JNU), Youngman Kim (IBS), Jin-Hee Yoon (Inha), Inkyu Park (UOS), Eun-Joo Kim (JBNU), Chang-Hwan Lee (PNU)

Staff: Minjae Kwon (PNU), Jaehyuk Ryu (PNU), SuJeong Ji (PNU), Yongjun Choi (PNU), Bonghwi Lim (PNU, Torino)



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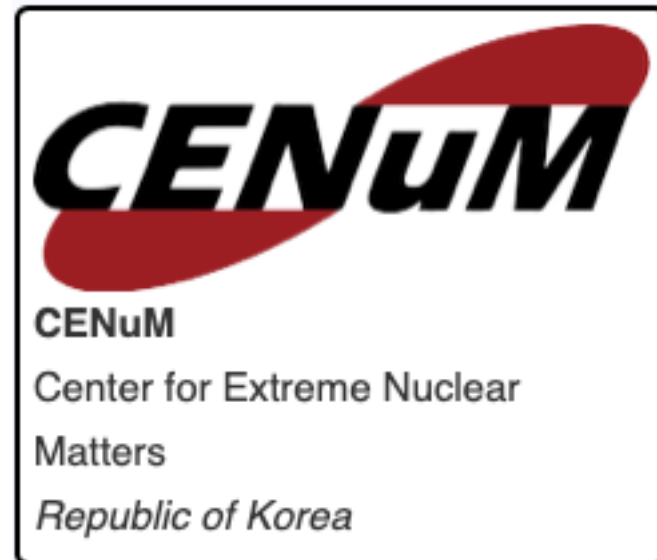
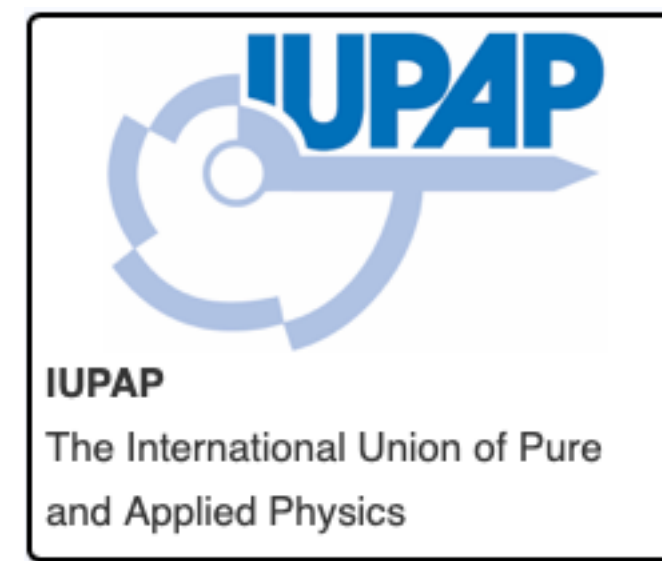
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|-------------------------------|--------------------------------------|--------------------------------------|
| Sungtae Cho <i>KNU</i>        | Byungsik Hong <i>Korea, Co-Chair</i> | Beomkyu Kim <i>SKKU</i>              |
| Eun-Joo Kim <i>JBNU</i>       | Yongsun Kim <i>Sejong</i>            | Youngman Kim <i>IBS</i>              |
| MinJung Kweon <i>Inha</i>     | Chang-Hwan Lee <i>PNU</i>            | Su Houng Lee <i>Yonsei, Co-Chair</i> |
| Sanghoon Lim <i>PNU</i>       | Dong Ho Moon <i>CNU</i>              | Seung-il Nam <i>PKNU</i>             |
| Inkyu Park <i>UoS</i>         | In-Kwon Yoo <i>PNU, Chair</i>        | Jin-Hee Yoon <i>Inha</i>             |
| Minjae Kwon <i>PNU, Staff</i> | Bong-Hwi Lim <i>PNU, Staff</i>       |                                      |

## ■ Information

-  <https://sqm2022.pusan.ac.kr>
-  <https://indico.cern.ch/e/sqm2022>
-  [sqm2022@hipex.phys.pusan.ac.kr](mailto:sqm2022@hipex.phys.pusan.ac.kr)

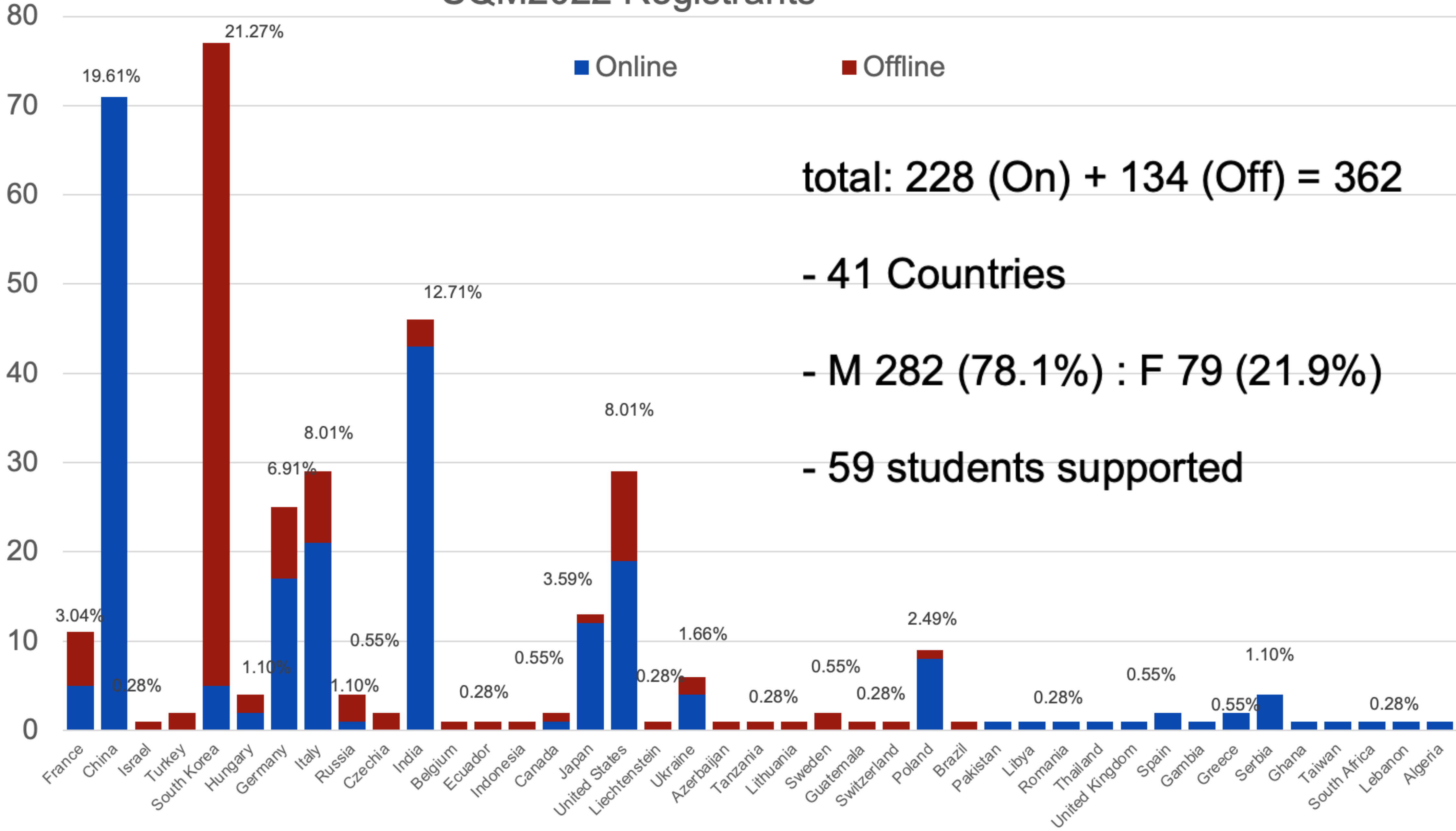








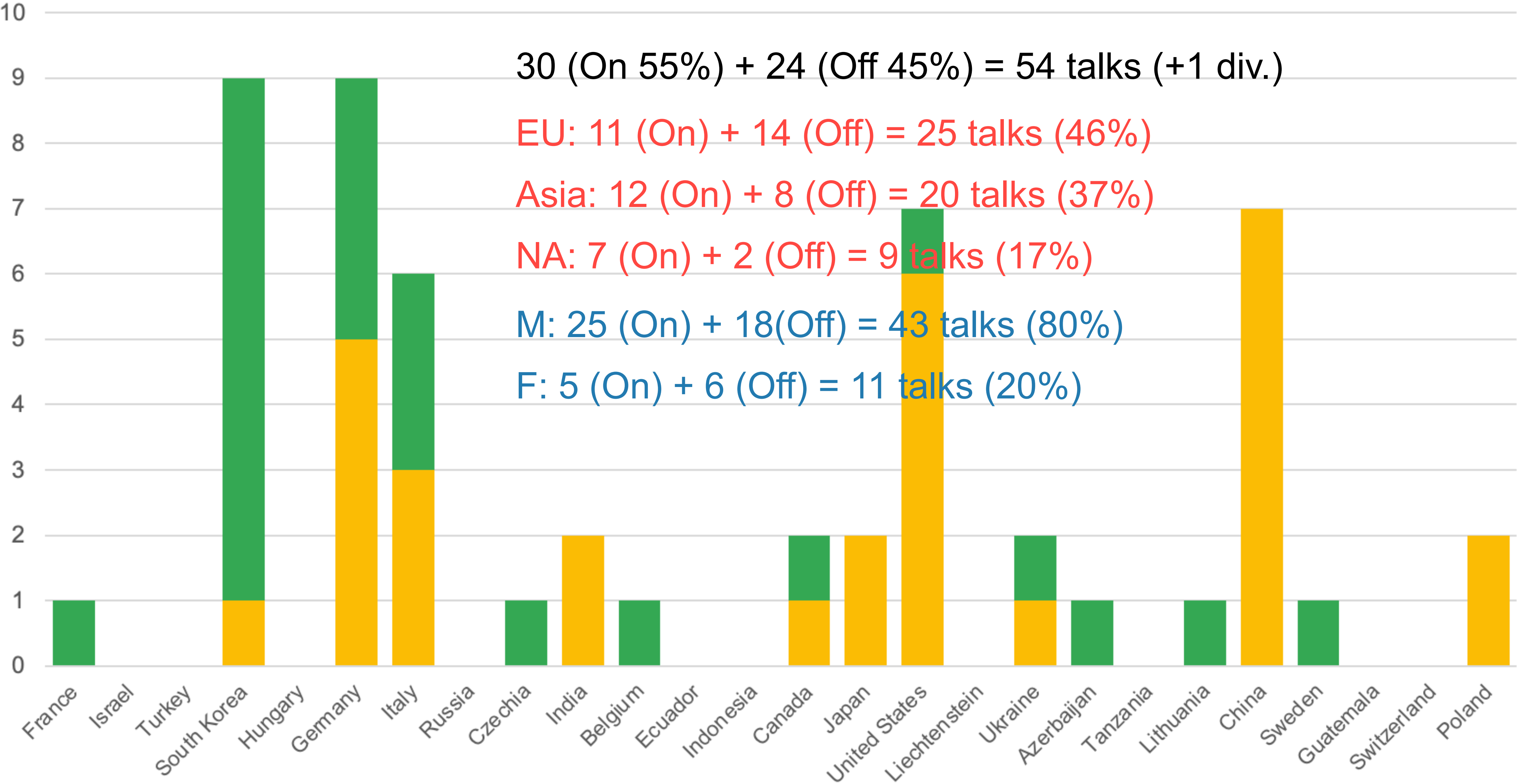
# SQM2022 Registrants





# Plenary Talks

■ Online ■ Offline



30 (On 55%) + 24 (Off 45%) = 54 talks (+1 div.)

EU: 11 (On) + 14 (Off) = 25 talks (46%)

Asia: 12 (On) + 8 (Off) = 20 talks (37%)

NA: 7 (On) + 2 (Off) = 9 talks (17%)

M: 25 (On) + 18(Off) = 43 talks (80%)

F: 5 (On) + 6 (Off) = 11 talks (20%)



# Parallel Talks

■ Online ■ Offline

72 (On) + 35 (Off) = 107 talks

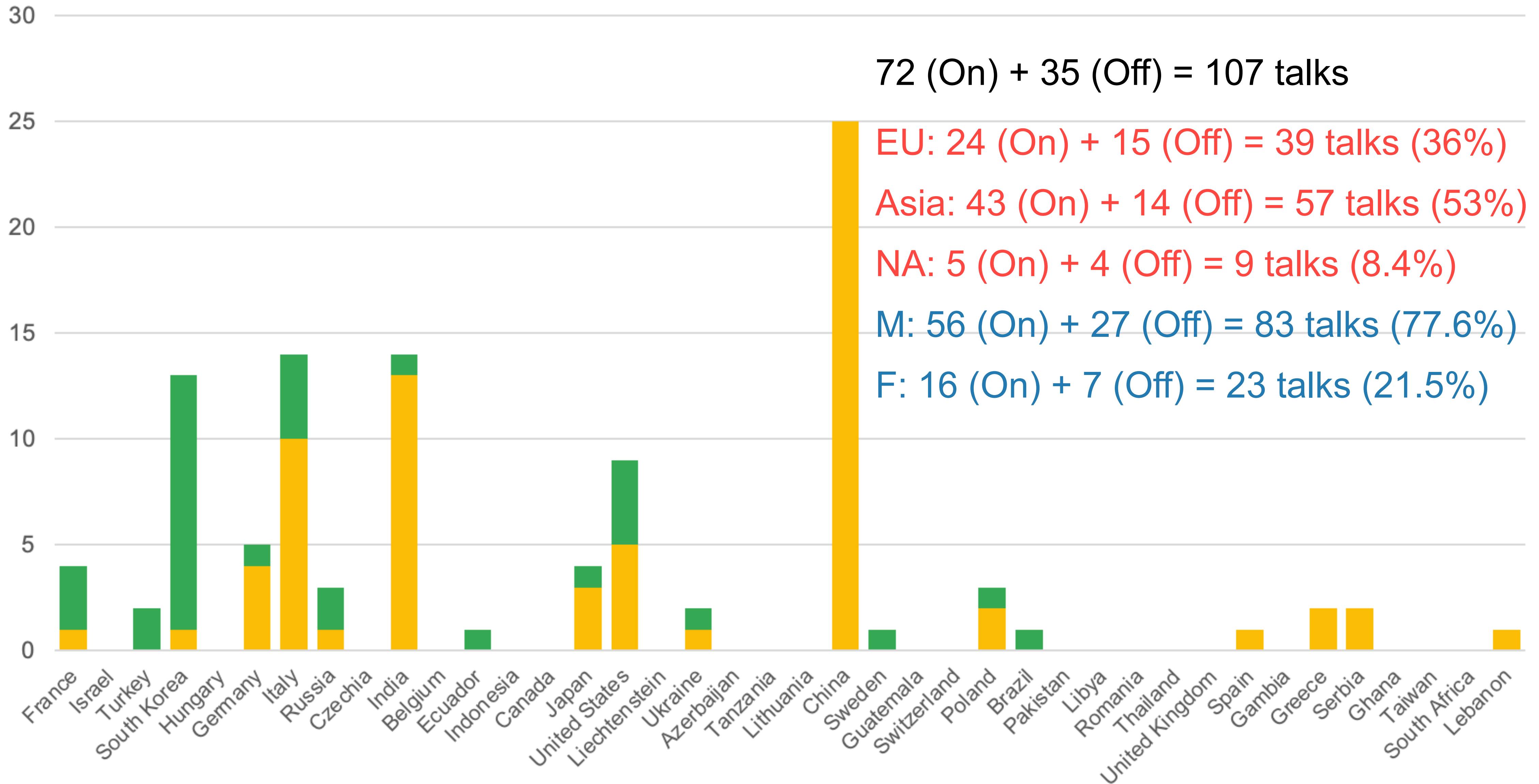
EU: 24 (On) + 15 (Off) = 39 talks (36%)

Asia: 43 (On) + 14 (Off) = 57 talks (53%)

NA: 5 (On) + 4 (Off) = 9 talks (8.4%)

M: 56 (On) + 27 (Off) = 83 talks (77.6%)

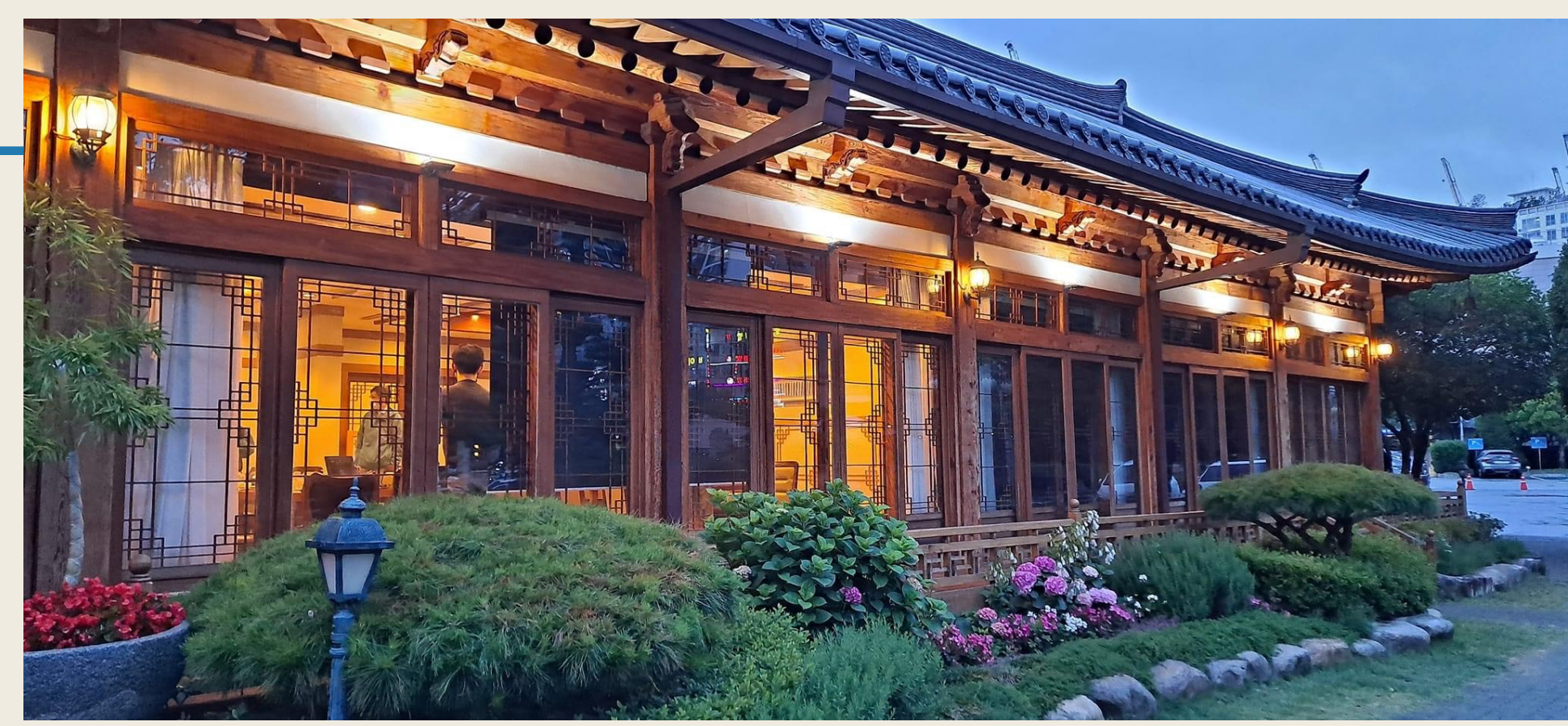
F: 16 (On) + 7 (Off) = 23 talks (21.5%)





# IAC-ROC-LOC meeting

- SQM2022 Summary Report
- SQM2024 in Strassbourg Report
  - (in principle) in-person conference ONLY!
- SQM2026 Proposals (UCLA, Budapest)





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# SQM 2022 Conference Proceeding

- The speakers of all the **plenary and parallel** sessions are invited to contribute a paper to the proceedings.
- All the accepted proceeding papers will be published in **EPJ Web of Conference**;
  - **6 pages** for plenary presentations and **4 pages** for parallel presentations.
- Important dates:
  - **Aug. 28: deadline of the submission** (through the Saga system. See the instruction)
  - October: completion of review and proofreading
  - November: publication.

*\*\*\* Please visit <https://indico.cern.ch/event/1037821/page/25464-proceedings> for the instruction and proceeding templates, etc. \*\*\**















# Dr. Strange at SQM2022



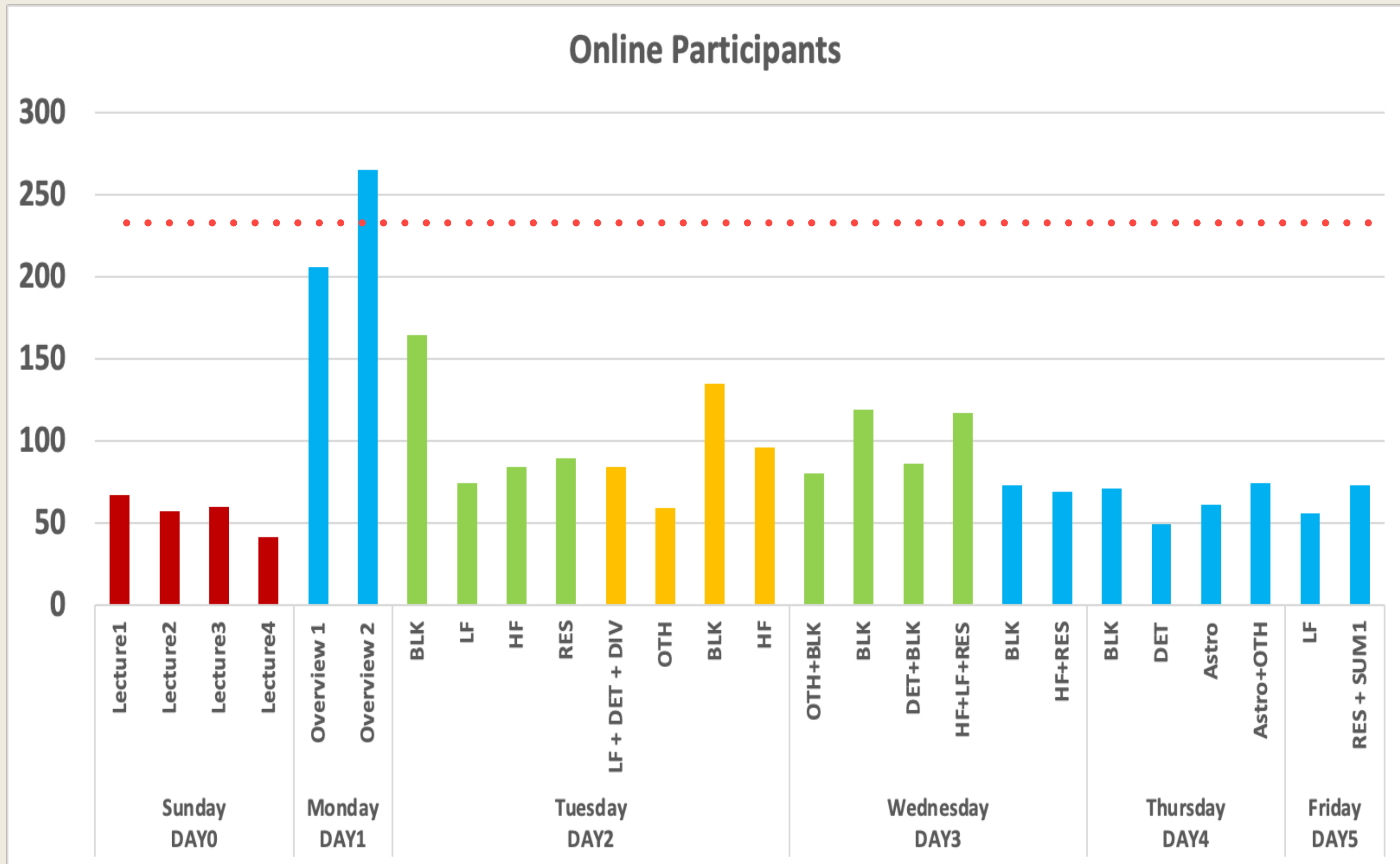






# Thanks to

- All participants in-person
- All speakers in-person
- All speakers online
- Poster presenters(!) online
  - 70 booths
  - 67 Particip. incl. presenters
- Participants online





# Countless Special Thanks to

- Pusan LOC & Staff: Sanghoon Lim (PNU), Seung-il Nam (PKNU), Beomkyu Kim (SKKU), Minjae Kwon (PNU, PhD st.), Jaehyuk RYU (PNU, MA st.)
- LOC: **Byungsik Hong (Korea), Su Houng Lee (Yonsei),** Minjung Kweon (Inha), Sungtae Cho (KNU), Dongho Moon (JNU), Youngman Kim (IBS), Jin-Hee Yoon (Inha), Yongsun Kim (Sejong), Inkyu Park (UoS), Eun-Joo Kim (JBNU), Chang-Hwan Lee (PNU)
- Seniors: Kangseog Lee (JNU), Juhwan Kang (Yonsei), Kwangsook Shim (Korea), Giryang Shin (ANU), Manque Rho (Saclay), Dongphil Min (SNU)

