

CHIPP ECR Session at SPS2022

CHIPP Contest

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CHIPP Contest - Section A: Quiz

- Come up with a Team name.
- Write your answer/estimate on the sheet.
- 1 Point per question
- 30s per question
- No smart phones, googling etc. ;)

A1) How many members does CHIPP have?

A2) How many of those are PhD students?

A3) How many universities/institutes are part of CHIPP?

A4) Which CHIPP institution has the largest fraction of theorist contribution within itself?

A5) Name two experiments in each category with CHIPP involvement. (2min)

- High energy at LHC:
- High energy non-LHC:
- Low energy:
- Neutrino:
- Astroparticle:

A6) How many results does a search for “Higgs Boson” yield on INSPIRE HEP??

A7) How many Physics Nobel laureates earned a PhD in Switzerland? (2min)

A8) Which Swiss city is shown?

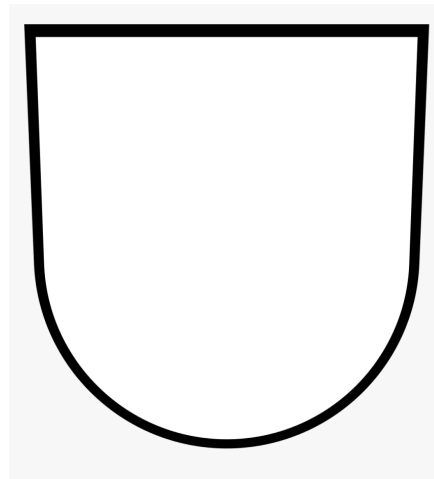


A9) What's the name of the river in the background?



A10) What percentage of residents in the canton of Fribourg speaks German/French?

A11) Draw the coat of arms of the canton of Fribourg.



A12) What percentage of residents in the canton of Fribourg speaks German/French?

A13) Estimate the number of students at the University of Fribourg.

Note: The city of Fribourg has 37'775 inhabitants.

A14) Which chocolate brand is producing its chocolate in Fribourg?

CHIPP Contest - Section B: Team maximum

- Within the people in your team, find the Maximum.
- 2 min per question
- 1 point for the team with the highest number

B1) How many languages do you speak in your team?

B2) How many programming languages do you know in your team?

B3) Find a hobby that as many of you have in common.

B4) Sum up (without repetition) the number of continents where people from your team have worked/studied.

B5) What is the maximum distance between the universities where you did your undergraduate studies?

B6) What's the largest number of institutes/facilities you visited for research during your current position?

B7) What is the maximum distance between the universities where you did your undergraduate studies?
(e.g Person 1 at Bologna and Person 2 at New York -> 6.660 km)

B8) Find a person that as many of you as possible have worked together with in the past.

B9) Find the largest difference in energy scale you work in.
(Given in order of magnitude eV)

B10) List as many similarities between the daily work of an experimentalist and theorist.

CHIPP Contest - Section C: Discussion and exchange round

- Within your team discuss the following questions.
- Feel free to share some answers in plenary at the end.

Discussion and exchange round

- Did you visit a school/conference that you can recommend? What are the next schools or conferences that you go to?
- Craziest conference, school or workshop you had been to?
- Are you looking for a new position - has someone heard about a suitable, open position somewhere?
- What are you lacking that your university/institute could not provide?
- Is there something you would like from CHIPP or the CHIPP ECR Liaisons?
- Which field of particle physics or experiment, that you don't work in, are you most interested in? Is someone in your group working on this?
- What particle physics results do you look forward to the most in the next 5 years? (e.g full Run 2 LHCb results on flavour anomalies)
- What is the biggest scientific discovery or achievement of the 20th century? Of the 21st century?
- What is the most beautiful scientific figure to you? (e.g the black hole pictures, Higgs discovery plots, the gravitational wave figure, etc.)