

CHIPP ECR Session at SPS2022

CHIPP Quiz - Solutions

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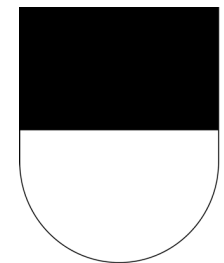
CHIPP Quiz – Section A Solutions

- A1) How many members does CHIPP have?
 - 435 + 16 (CERN)
- A2) How many of those are PhD students?
 - 183
- A3) How many universities/institutes are part of CHIPP?
 - 6+1: (UniGe, UniBe, UniBs, EPFL, ETHZ, UZH) + PSI
- A4) Which CHIPP institute has the largest fraction of theorist contribution?
 - **UniBe: 38/70**, UniBs: 4/10, EPFL: 19/53, UZH: 24/97, PSI: 11/45, UniGe: 6/62, ETHZ: 7/91
- A5) Name two experiments in each category with CHIPP involvement*:
 - High energy at LHC: ATLAS, CMS, LHCb
 - High energy non-LHC: Faser, NA64, GBAR
 - Low energy: Mu3e, MEG II, n2EDM, mu-Mass, muX
 - Neutrino: DUNE, T2K/Hyper-K, GERDA, LEGEND
 - Astroparticle: AMS, MAGIC, XENON1T

*Note: Simply some examples, for more details see: [CHIPP Roadmap](#)

CHIPP Quiz – Section A Solutions

- A6) How many results does a search for “Higgs Boson” yield on inspire hep??
 - 18,054: <https://inspirehep.net/literature?sort=mostrecent&size=25&page=1&q=%22Higgs%20Boson%22>
- A7) How many Physics Nobel laureates earned a PhD in Switzerland?
 - 8: Rontgen, Guillaume, Einstein, Rohrer, Muller, Mayor, Queloz, Bednorz
- A8) Which Swiss city is shown?
 - Fribourg
- A9) What’s the name of the river in the background?
 - Saane/Sarine
- A10) What percentage of residents in the canton of Fribourg speaks German/French?
 - 27.4 % / 68.8 %
- A11) Draw the coat of arms of the canton of Fribourg.
- A12) What percentage of residents in the canton of Fribourg speaks German/French?
 - 27.4 % / 68.8 %



CHIPP Quiz – Section A Solutions

- A13) Estimate the number of students at the University of Fribourg.
 - 10581 (as of 2020)
- A14) Which chocolate brand is producing its chocolate in Fribourg?
 - Cailler / Villars

