CompF5: End User Analysis

Snowmass Parallel

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https://snowmass21.org/computational/analysis
What’s happening today

End User Analysis Agenda is at:
https://indico.fnal.gov/event/22303/sessions/20648/#20220718

● Introduction
● **Summary of Contributions**
● Recommendations & Highlights of Report
● General Discussion
Thank you, writers!

a. Analysis Frameworks
   ii. [2205.06121] HL-LHC Analysis With ROOT (arxiv.org)
   iii. [2203.13768] The CAFAna framework for neutrino analysis (arxiv.org)
   iv. [2203.09886] Analysis Description Language: A DSL for HEP Analysis (arxiv.org)

b. Experiment case-studies
   i. [2203.08293] The Sanford Underground Research Facility (arxiv.org)
   ii. [2203.07564] Belle II grid-based user analysis (arxiv.org)
   iii. [2203.07700] Snowmass2021 Cosmic Frontier: Modeling, statistics, simulations, and computing needs for direct dark matter detection (arxiv.org)
   iv. [2203.08338] Dark-matter And Neutrino Computation Explored (DANCE) Community Input to Snowmass (arxiv.org)

c. Overviews
   i. [2203.10393] In Search of Excellence and Equity in Physics (arxiv.org)
   iii. [2203.07237] HEP computing collaborations for the challenges of the next decade (arxiv.org)
Thank you, contributors!

- Workshop participants
- Townhall participants
- Everyone who’s here now!
- **Join us for more discussion!**
  - 1 PM Pacific, every day of SNOWMASS CSS
  - In-person: East side of Kane, under the umbrella
  - Zoom: [https://ucdenver.zoom.us/j/94815946373](https://ucdenver.zoom.us/j/94815946373)

Comments on the draft report can be made [https://app.markup.io/invite/accept/fPba9OKw](https://app.markup.io/invite/accept/fPba9OKw)
Other Related Sessions at the CSS

Monday 7/18
   ● 10 am, CompF2 (theory)
Tuesday 7/19
   ● 8 am, CompF3 (ML)
   ● 10 am, CompF4 (facilities)
   ● 2 pm, Community Engagement, “Careers and Training the next Generation”
Wednesday 7/20
   ● 8 am, CompF1 (algorithms)
   ● 10 am, CompF6 (quantum computing)
Thursday 7/21
   ● 8 am, CompF Big Experiments forum
   ● 10 am, CompF7 (data preservation)
   ● 10 am, Cosmic Frontier “Large Volume data analysis, Simulation, and HPC usage”
Friday 7/22
   ● 8 am, CompF Frontier Report
Saturday 7/23
   ● 10 am, CompF Small Experiments forum
Sunday 7/24
   ● 10 am, AcceleratorF-CompF forum

Please comment if we’re missing something!
Get Involved

- Compose an email to listserv@listserv.fnal.gov
  - Leave the subject section of the email blank
- Include in the message body:
  
  `subscribe snowmass-compf05-useranalysis first_name last_name`

  Or [this link](#)

  #compf05-useranalysis

Conveners hosting writing sprint sessions every day: 1 PM Pacific.
In-person: East side of Kane under the umbrella, Zoom: [https://ucdenver.zoom.us/j/94815946373](https://ucdenver.zoom.us/j/94815946373)

Interested parties are welcome to join and add further discussion.

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Thank you to all contributors so far, and for future input!