Energy Frontier Early Career Update

Grace Cummings and Amber Roepe

Snowmass Community Planning Meeting, 07 October 2020
Early Career Activities

- **Bi-weekly Overview Meetings**

- **Special Topic Presentations**
  - Past
    - Muon Collider [Indico]
    - LHCe, FCC-eh + MC Task Force [Indico]
  - Future
    - EF04

- **Cross Frontier (Early Career) Outreach**
  - Introductory Series [Indico]
  - Coffee Collisions

- **General Contacts for all things EC**
  - If you want to talk to young people, we can put you in touch

Let us know if you have a Special Topic to present!

Snowmass Community Planning Meeting, 07 October 2020
Early Career Initiatives

- **Americas Workshop on Linear Colliders (AWLC2020)**
  - October 19-22, 2020 [Conference Link](#)
  - We will speak on panel w/ EC Accelerator Frontier + EC Instrumentation Frontier

- **LHC - wide Seminar/Workshop**
  - Date TBD
  - Introducing Snowmass (not just EF)
  - CMS Experiment’s Young Scientist Committee (YSC) is first partner
  - Branching out to other LHC young scientist’s groups

- **Project Matching**
  - Interest Survey (need a project?) [Survey Link](#)
  - Information on LOI’s that need effort

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Snowmass Community Planning Meeting, 07 October 2020
## Early Career Topical Group Liaisons

<table>
<thead>
<tr>
<th>EF EC Gen</th>
<th>Liaisons</th>
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<tr>
<td>EF01</td>
<td>Opportunities for involvement!</td>
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<tr>
<td>EF02</td>
<td>Sam Homiller, Chris Hayes</td>
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<td>EF03</td>
<td>Danny Noonan</td>
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<td>EF04</td>
<td>Saptaparna Bhattacharya, Vallary Bhopatkar</td>
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<td>EF05</td>
<td>Jennifer Roloff, Matt LeBlanc</td>
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<td>EF06</td>
<td>Justin Williams, Cristian Baldenegro, Timothy Hobbs</td>
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<td>EF07</td>
<td>Timothy Hobbs</td>
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<td>EF08</td>
<td>Jeff Shahinian, Johan Bonilla</td>
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<td>EF09</td>
<td>Amber Roepe, Julia Gonski</td>
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<td>EF10</td>
<td>Suchita Kulkarni, Bill Balunas</td>
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TG Liaisons and EF EC Convenors change every 3 months. For updated contacts and contact info, please consult our [EC Contact Spreadsheet](#).
State of Early Career Involvement

● Advisor Involvement = Early Career Involvement
  ○ Supervisors need to sanction and encourage student/postdoc involvement
  ○ Most current EC involvement comes within established institutional involvement

● 2020 Burn-out
  ○ Research life is already complex, so add:
    ■ COVID-19 related illness and loss
    ■ Work from home challenges
    ■ Fears about opportunities lost

● CPM close to when a lot of folks are just learning about Snowmass
  ○ Semester still new
  ○ Summer vacations finally over

This is where we need your help
Already harrowing career path
Worldwide pandemic
Little time for Snowmass
Early Career EF Bridging the Gaps

- Informing the Early Career
  - Snowmass channels are echo chambers
  - Many EC folks still do not know what Snowmass is

- Snowmass-lite
  - Keep our meetings overview, hard 1 hour cap

- Collect the concerns that do not fit into physics discussions
  - Culture of Particle Physics
    - Service work appreciation
    - Collaborative environments
    - Work-life balance
  - Jobs → We want them (industry and academia)
  - Sustainability of physics
    - Energy consumption per TeV
    - Carbon footprint of each batch job

- Collaboration email lists
- Social Media
Early Career Energy Frontier: Get Involved!

- Next SEC EF Meeting **October 20th at 7 pm**
  - CERN Time
- Slack Channels of Interest
  - #early-career-energy-frontier-coordination
  - #early-career-snowmass (private, email for addition)
- Link to SEC+EF [Topical Group Liaisons](#)
- Listservs
  - SNOWMASS-ENERGY-FRONTIER@FNAL.GOV
  - SNOWMASS-EARLY-CAREER-EF@FNAL.GOV
- Volunteer to be a SEC EF Convenor [Form Link](#)
- Come and give a Special Topic Talk!