Workshop 2018 Introduction

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Hall A & C Analysis Workshop
June 25–26, 2018
Goals

- Get users up and running with Hall A/C analysis software
- Teach analysis techniques
- Present interesting analysis details
Virtual Machine

- CentOS 7, largely compatible with JLab environment
- Complete environment for running the exercises and more
  - ROOT
  - Python 2 and 3
  - analyzer & hcana
  - Support files, scripts (linked to repository)
- Will help with setup later, after lunch

Trying slower pace for interactive session that last year
Thanks to everyone who contributed (22 of approx. 35 participants)

If yes, what operating system does it run?

<table>
<thead>
<tr>
<th>Operating System</th>
<th>Answered</th>
<th>Skipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>macOS</td>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>Linux</td>
<td>14</td>
<td>0</td>
</tr>
<tr>
<td>Other/not applicable</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>

If Linux, what flavor is it?

<table>
<thead>
<tr>
<th>Linux Flavor</th>
<th>Answered</th>
<th>Skipped</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fedora</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>Ubuntu</td>
<td>8</td>
<td>0</td>
</tr>
<tr>
<td>CentOS/Red Hat Enterprise</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Arch</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Debian</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Other Linux</td>
<td>4</td>
<td>0</td>
</tr>
</tbody>
</table>
Survey Results II

How would you rate your experience level with data analysis? Pick what seems right, years are just suggestions.

- Zero
- Beginner (<1 year)
- Slightly advanced (1-...)
- Moderately advanced (2-...)
- Advanced (3-5 years)
- Expert (5-10 years)
- Guru

Answered: 22  Skipped: 0

What is your current professional status?

Answered: 22  Skipped: 0

- Undergraduate Student
- Graduate Student
- Postdoc
- Research Scientist
- Group Leader/Professor
- Other

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%
Survey Results III

How are you planning to run the interactive exercises?

Answered: 22  Skipped: 0

- I will use the provided...
- I will install the required...
- I will access another machine...
- I am not sure yet
- I am not planning to...
Before We Get Started

Please update the "Workshop2018" subdirectory in your virtual machine

```bash
$ cd ~/Workshop2018
[ Workshop2018 ]$ git pull
```

Next, install a few packages that didn’t make it into the initial setup

```bash
$ sudo yum install root-gui-fitpanel root-tree-viewer
```

Finally, this is a good time to personalize your git configuration

```bash
$ git config --global user.name "Your Name"
$ git config --global user.email you@jlab.org
```