

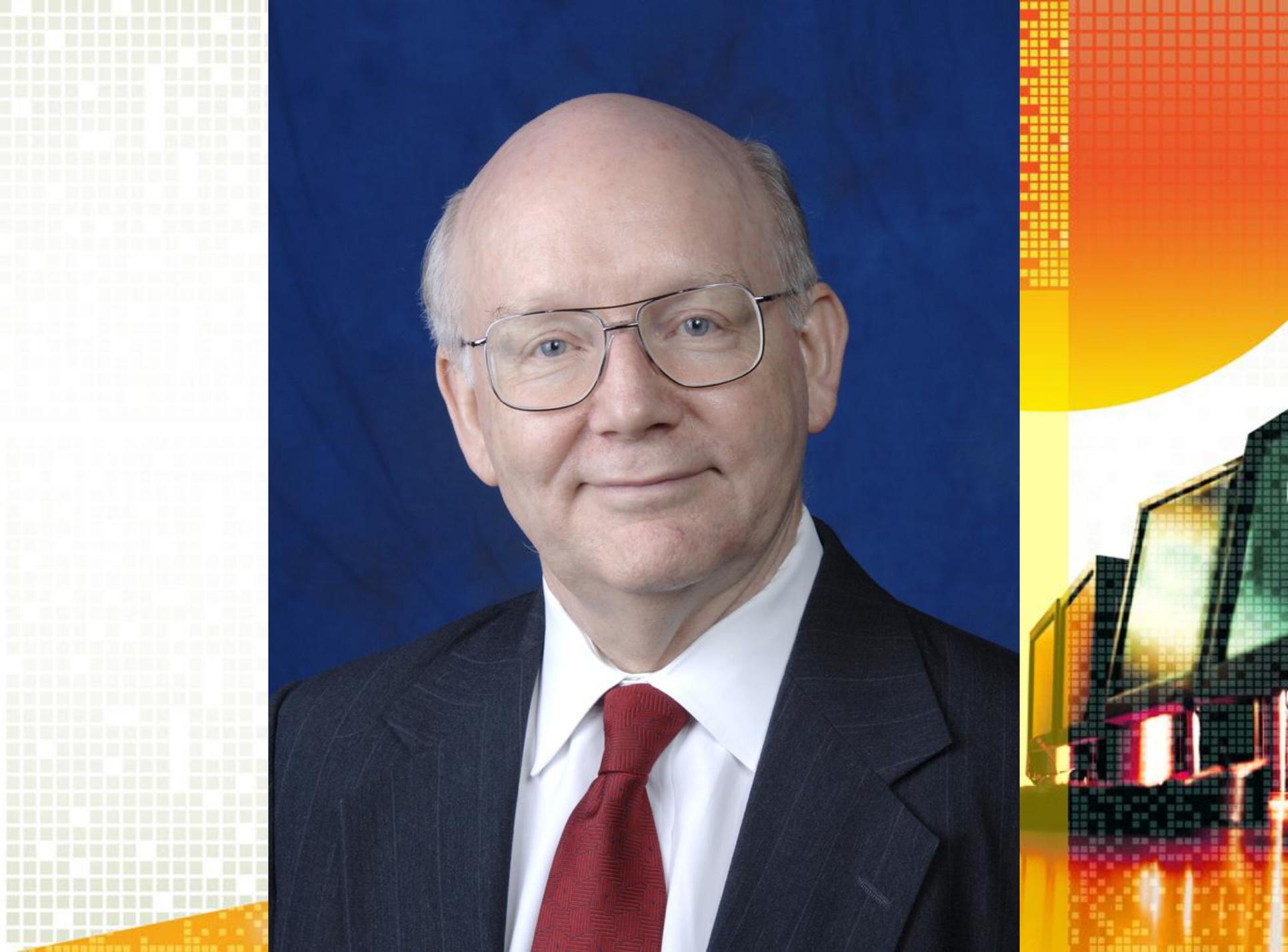
# **Jefferson Lab**

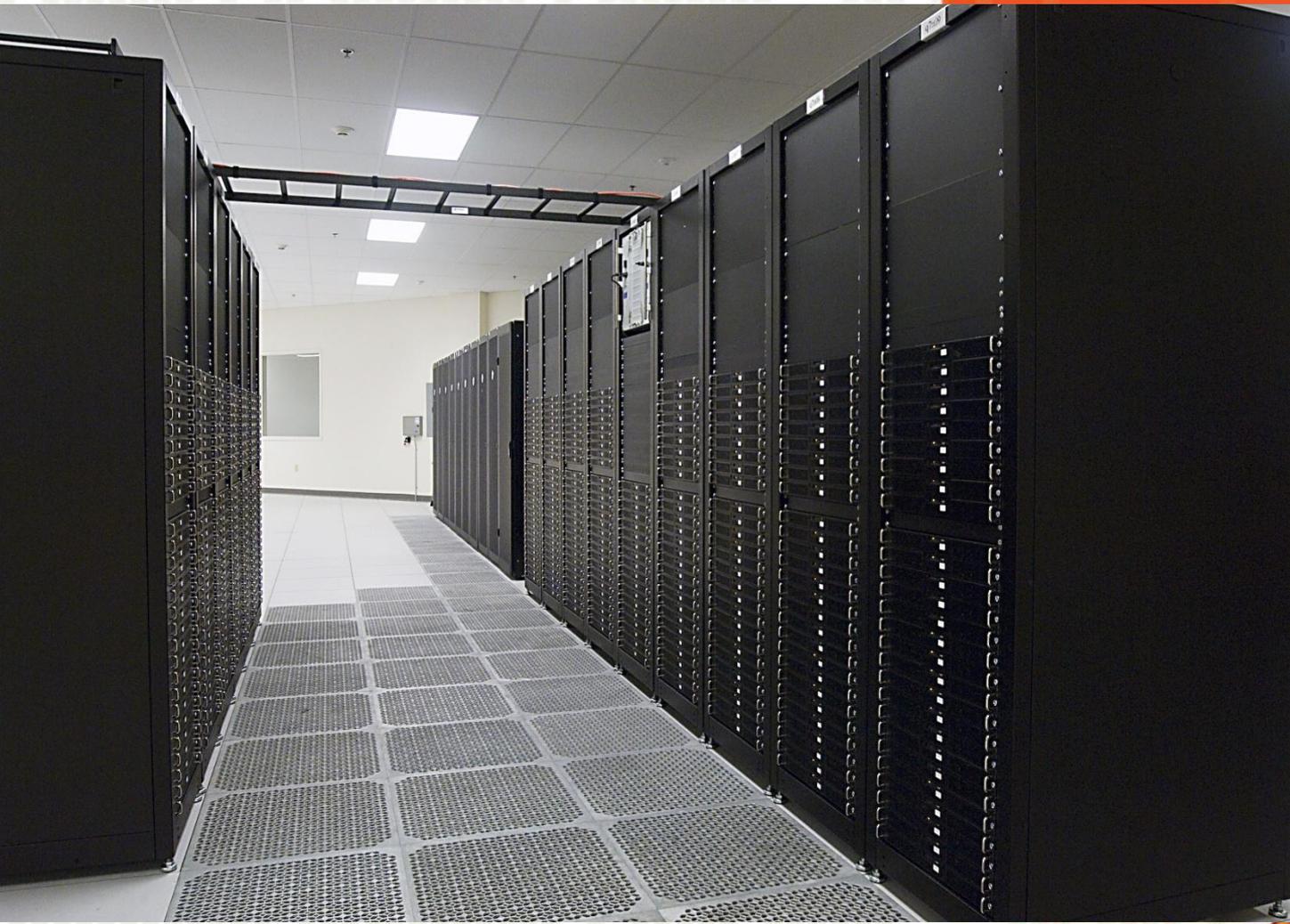
## **Intro To Computing**

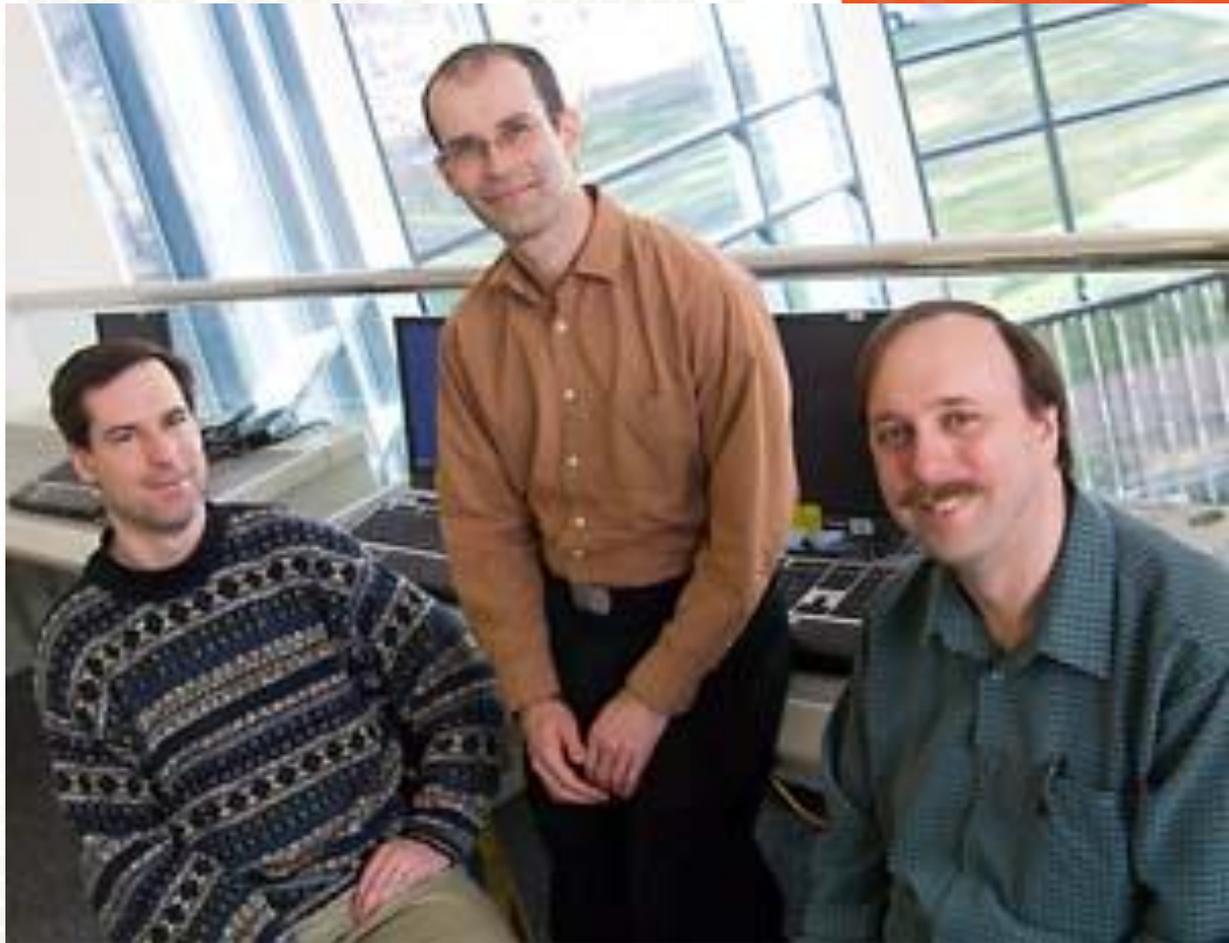


# **The IT Division** *(CNI - MIS - SciComp)*

- **Helpdesk**
  - **Mon. – Fri. 8:00AM – 4:30PM**
  - **Cebaf Center(12) F-Wing Room 200**
- **Networking**
- **Systems**
- **Security**







**Say what your going to say, Say It, Say what you said.**

# **OUR AGENDA**



**SAY WHAT YOUR  
GOING TO SAY...**



# What I'm going to say....

- **Accounts**
- **Email**
- **Operating Systems**
- **File System ~ Shares**
- **Network**
  - **Wired**
  - **Wireless**
- **Telephony**
- **Security**



**SAY IT...**



# Never share your password

## Accounts

- **Username**
  - 8 character max
  - Usually made up of name.
- **Password**
  - 8 characters
  - 1 UPPER CASE ~ 1 lower case
  - 1 Num8er ~ 1 Spec!@| Ch@r@cter
  - Not allowed:
    - Parts of your username, common name, or identifiable words

# Accounts Continued...

- **Central Authentication**
  - **NIS(Linux)**
  - **AD(Windows)**
  - **Oracle(Calendar)**
- **Single Sign On**
- **What all can I use my account for?**
  - **Linux, Windows, Osx computers**
  - **Jlab websites**
  - **Public machines**
  - **Email and Calendar**
  - **And so much more....**



# Email

- **To Who?**
  - [username@jlab.org](mailto:username@jlab.org)
  - [First.Lastname@jlab.org](mailto:First.Lastname@jlab.org)
- **Email Clients**
  - Mozilla Thunderbird
  - Pine
  - SquirrelMail – [webmail.jlab.org](http://webmail.jlab.org)
- **Email Instructions**
  - <http://cc.jlab.org/email>
- **Misc.**
  - Spam
  - Bounced Emails
  - Size Limitations



# Supported Operating Systems

- **What Does Supported Mean?**
  - **Windows 7**
  - **RHEL 5/6 (Red Hat Enterprise Linux)**
  - **Osx**
- **What about other OSs?**



# File-System - NFS

- **What is NFS?**
  - Network File System
- **Why NFS?**
  - For Centricification
  - What is Centricification?
    - A word I made up meaning everything plays nicely together.
- **Shares**
  - Home
  - Group
  - Site
  - Apps



# What's the difference

- **First off, What's the same?**
- **Home**
  - **Personal**
  - **Small**
  - **UserWeb**
    - `/userweb/<username>/public_html`  
(`\\jlabwin\userweb\<username>\public_html`)
    - [userweb.jlab.org/~<username>](http://userweb.jlab.org/~<username>)
- **Group**
  - **Bigger**
  - **Permission controlled by group membership**
  - **Need access to a group area, have the area owner send an email to [helpdesk@jlab.org](mailto:helpdesk@jlab.org)**

**Weren't there two more?...**

## **Difference continued...**

- **Site**

- **Sitewide share – All can access**
- **Contains cross platform utilities**
- **/site/info – Has interesting info.**
- **Also – OSX software**
  - **smb://jlabsite/site/SW\_Dist/Apple/MacOSX**

- **Apps**

- **Application repository**
- **OS Specific**
- **You can run apps straight from here**
- **Windows installable apps –**
  - **\\jlabwin\SW\_Dist\User Apps**
- **All apps only for JLAB systems!!**



# The Network

- **As it applies to you.**
- **Registration**
  - **Through us**
  - **Through our friend reggie**
- **Wired**
  - **Moving vlans**
  - **Networks – Guest vs Others**
- **Wireless**
  - **SSID**
    - **Jlab – Have a Jlab username**
    - **Jlab\_Guest – Don't have a Jlab username**
  - **Network**
    - **Secure – Jlab Owned Machine**
    - **Guest – Non-Jlab Owned Machine**



# Telephony

- **Phone Numbers**
  - **757-269-xxxx**
- **Pager Numbers**
  - **757-584-xxxx**
  - **Also through Staff Search and Jlist**
- **Long distance**
  - **You must have a long distance code**



# Security

- **Government Facility vs Academic Facility**
- **If you're not sure, don't do it.**
- **We take this very seriously**
  - **Appropriate Use Policy**
  - **Unsolicited email, phishing attempts, and shady websites**
  - **Don't download random software or games**
  - **Be very weary of flash drives, DVDs/CDs, disks**
  - **Loss of privileges on JLab systems**



***SAY WHAT YOU SAID...***



# What I said....

- **Accounts**

- **Passwords – Make them Strong and don't give them out**
- **Accounts work in many places**

- **Email**

- **Webmail.jlab.org, pine, or thunderbird (<https://zimbra.jlab.org>)**
- **username@jlab.org**

- **Operating Systems**

- **Windows 7, RHEL 5/6, OSx**



# What I said continued...

- **File System ~ Shares**
  - **J:** /home/username
  - **M:** /group
  - **K:** /site
  - **L:** /apps
- **Network – reggie registration**
  - **Wired – VLANs move**
  - **Wireless – jlab vs jlab \_guest ssid**
- **Telephony –**
  - **Phones – 269-xxxx Pagers – 584-xxxx**
- **Security**
  - **Government Network**
  - **If in doubt ask**



**SO DO I KNOW EVERYTHING  
I NEED TO KNOW?**

**NO WAY...**





- User Services
- Group Services
- Network
- Telecom
- Infrastructure
- CAD/CAE
- Security
- Scientific Computing
- MIS
- Copy Services

## WORK REQUEST

- Submit New CCPR
- Search CCPR Database

## QUICK LINKS

- Accounts
- Calendar
- Data/File Transfers
- Email
- File Recovery/Tape Backups
- Group Membership
- Instant Messaging (JTalk)
- JLab Homepage
- JLab Web Certificates
- Linux
- Macintosh
- Network Connections
- Off-Site Services
- Passwords
- Printing
- Purchasing - PCs, Software & Devices
- Quotas
- Remote Access
- Terminal Server Cluster
- Videoconferencing
- Videoconferencing with EVO
- Windows

## User Services

The User Services group manages the daily operational tasks of the Computing and Networking Infrastructure (CNI) group. We staff the IT Division Help Desk from 8AM to 4:30PM, Monday through Friday to provide computing support to Jefferson Lab (JLab) computer users. We may also assist you with any of the following:

» [Read more](#)

## Malware on Macintosh Systems

There has been a recent outbreak of malware on Macintosh systems. One in particular is the MacDefender trojan. Please read this tech article for more details and screenshots of the malware. If you download this malware on your JLab-CUE Mac, do not attempt to remove it on your own. Please contact the IT Division Help Desk as soon as possible.

## Maintenance Day -- May 24, 2011

Start: 05/24/2011 5:00 pm

Timezone: US/Eastern

The CNI Group is having a Maintenance Day at 5PM. Plans include:

- Updates will be pushed out to JLab-CUE Windows and Linux desktops. Please reboot Windows and Linux systems as needed the morning of Wednesday, May 25, to complete patch installation.
- CUE Web Servers will be patched and rebooted as needed
- New Windows Vista/Windows 7 Policy will be delivered
- New Laptop Policy will be delivered to Windows Laptops

[Read more](#) for details on status following the reboot...

» [Read more](#) [Calendar](#)

## Internet Explorer (IE) Version 9 -- DO NOT INSTALL

Please do not install IE version 9 on your JLab-CUE Windows systems. This version doesn't work with the timesheet system and possibly other MIS applications. We

[Login \(single sign on\)](#)

## SEARCH

Search this site:

## WEB UTILITIES

- Password Change
- Oracle Calendar (webcal)
- SquirrelMail (webmail)
- Mailing List
- Machine/Device Registration
- JLab Network Diagnostic Tool

## GENERAL INFORMATION

- CNI Staff List
- Policies & Procedures
- CNI System Status
- CNI Systems Monitor

## COMPUTING EVENTS

« May 2011 »

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28

# **ANY QUESTIONS?**

**For additional questions or info.**

**Phone – x7155**

**Email – [helpdesk@jlab.org](mailto:helpdesk@jlab.org)**

**Visit – Cebaf Center(12) F-wing 2<sup>nd</sup> Floor**

