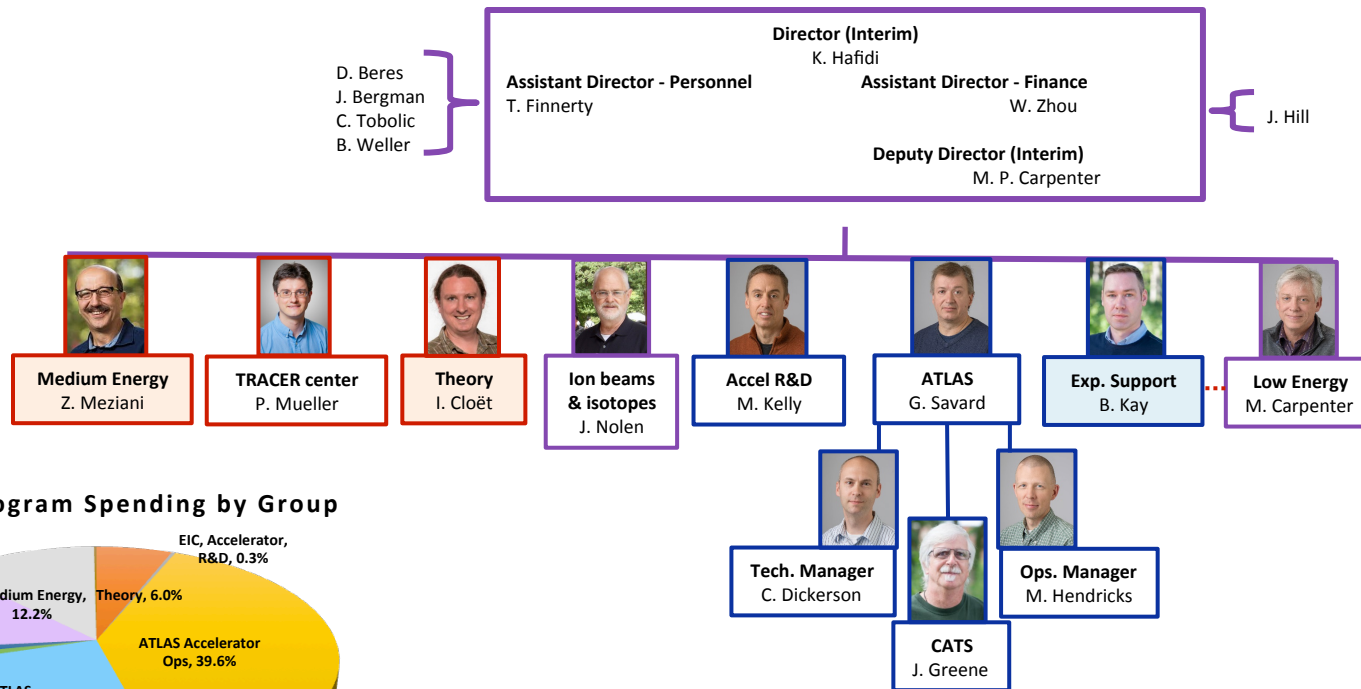# WELCOME TO ARGONNE

3rd AGATA-GRETINA/GRETA Tracking Arrays Collaboration Meeting
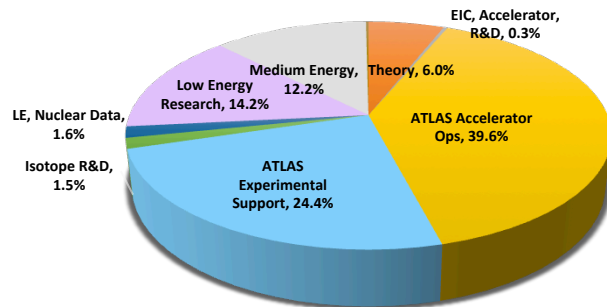
Michael P Carpenter
Interim Deputy Director, Physics Division

October 2, 2019, Physics Division, Argonne National Laboratory

SAFETY

Emergency Phone:

Cell: 630-252-1911
Argonne Land Line: 9-1-1

Evacuation:

In case of fire:

- Activate the nearest fire alarm pull station
- Do not use elevators
- Leave building immediately using nearest exit and report to nearest Assembly point

In case of Tornado:

- Proceed to nearest Tornado shelter

EVACUATION PLAN—BLDG 203

Key
X **You Are Here**
Primary Route
Secondary Route

We are here

Exit
A Wing
Exit
Exit
H Wing
Exit
J Wing
B Wing
Stairs to Tornado Shelter
R Wing
Stairs to Tornado Shelter
BH141
Main entrance
Exit
C Wing
R150
Exit
D120
CE Wing
E Wing
F Wing
G Wing
D Wing
To Bldg 221
Exit
Exit
Exit
Exit
P Wing

EMERGENCY PHONE NUMBER
Cell Phone: 630-252-1911
Argonne Land Line: 9-1-1

EVACUATION PROCEDURE
- In case of fire, activate the nearest fire alarm pull station
- Do Not use elevators
- Leave building immediately using nearest exit and report to Assembly Point

ASSEMBLY POINT
Building 221 Corridors

2

PHY Org Chart and FY18 NP Program Spending

ATLAS IS A MAJOR FACILITY AT ARGONNE

In FY16, nearly 8000 users benefited from facilities that also provide a foundation for Argonne science and engineering
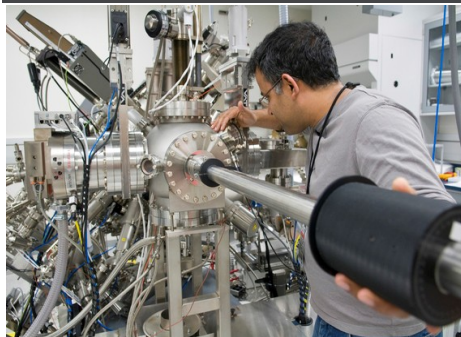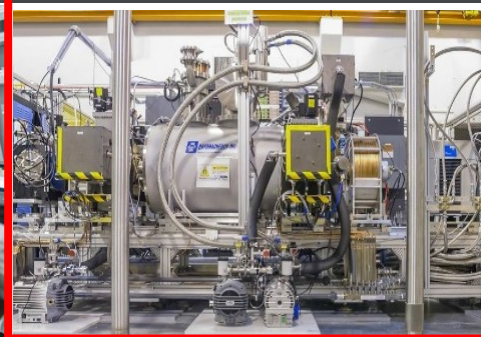

Advanced Photon Source: 5500+ users

Argonne Leadership Computing Facility: 1000+ users

Center for Nanoscale Materials: 550+ users

Argonne Tandem Linear Accelerator System: 300+ users

ARM Southern Great Plains Site: 500+ users of data

ATLAS is running well, getting better

Thanks to DOE investment, Lab support, and division cost savings

Recent investment from DOE, Argonne, and cost savings in PHY
- Critical two-person groups increased to three [Controls, Cryogenics, Ion Source (in progress)]
- Move from 6-7 to 9 operators, 2 new electrical engineers (digital DAQ), Second person in CATS
- Working to improve critical equipment analysis, downtime accounting, tuning procedures
- Infrastructure improvements: Removal of legacy utilities, new chilled water line, electrical system, building improvements
- **On pace to deliver >6400 hours in FY19**

Making use of new capabilities and equipment built up over last two years
- RAISOR, AGFA, Low-energy CARIBU area/equipment,…
- Beamtime continues to be in very high demand

New upgrades: AMUU, neutron-generator, N=126 planned

Will host GRETINA for a 3rd ATLAS Campaign beginning in the FY21 (October, 2020).

Summary

- Welcome and we hope you enjoy the meeting.
- Thanks to Torben and Amel for spear heading this exciting meeting.
- Thanks to Colleen Tobolic for making sure everything runs smoothly.

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