

Central Computing Support for Photon Sciences

Sep. 24, 2018

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 U.S. DEPARTMENT OF
ENERGY

Welcome to BNL

- Logistical issues
 - Wireless network is Corus (can use Eduroam, too)
 - Open browser and register your device within 30 minutes, otherwise device will be blocked
 - If you are a non-US citizen and have not yet checked in at the GUV Center, please come see me during the morning coffee break
- Coffee breaks will be held in this room
- BNL cafeteria (Berkner Hall) available for lunch (see www.bnl.gov/maps for directions) -- 5 min walk
- Dinner will be held at Phil's tonight at 6 pm (see www.philsrestaurant.com/)
 - ~15-min (8 miles) drive from BNL
 - Driving directions on restaurant website

Background

- Several new Light Source facilities in recent years
- Many operate on sites where legacy HENP facilities co-exist(ed) with a strong (some closely-coupled) computing support
- Computing support model for HENP facilities developed over ~50 years of experience, from early days of fixed-target, low-data rate experiments to high-data rate large colliders
- Light Sources are now developing own computing support models—some very different from HEPN, and Central Computing facilities are tasked with supporting them
- The goal of the workshop is to discuss challenges associated to computing support for Photon Sciences (Light Sources in particular), specially if facilities are located at sites with a strong tradition in HEPN