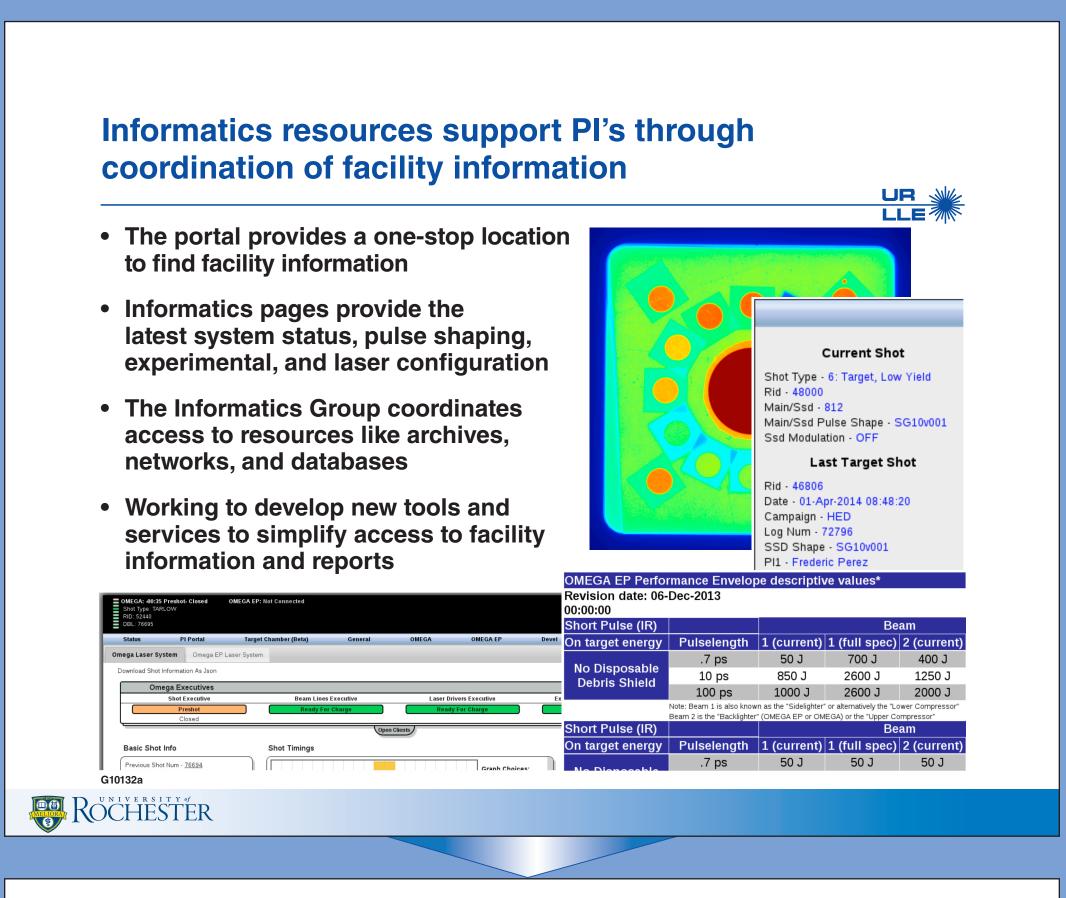
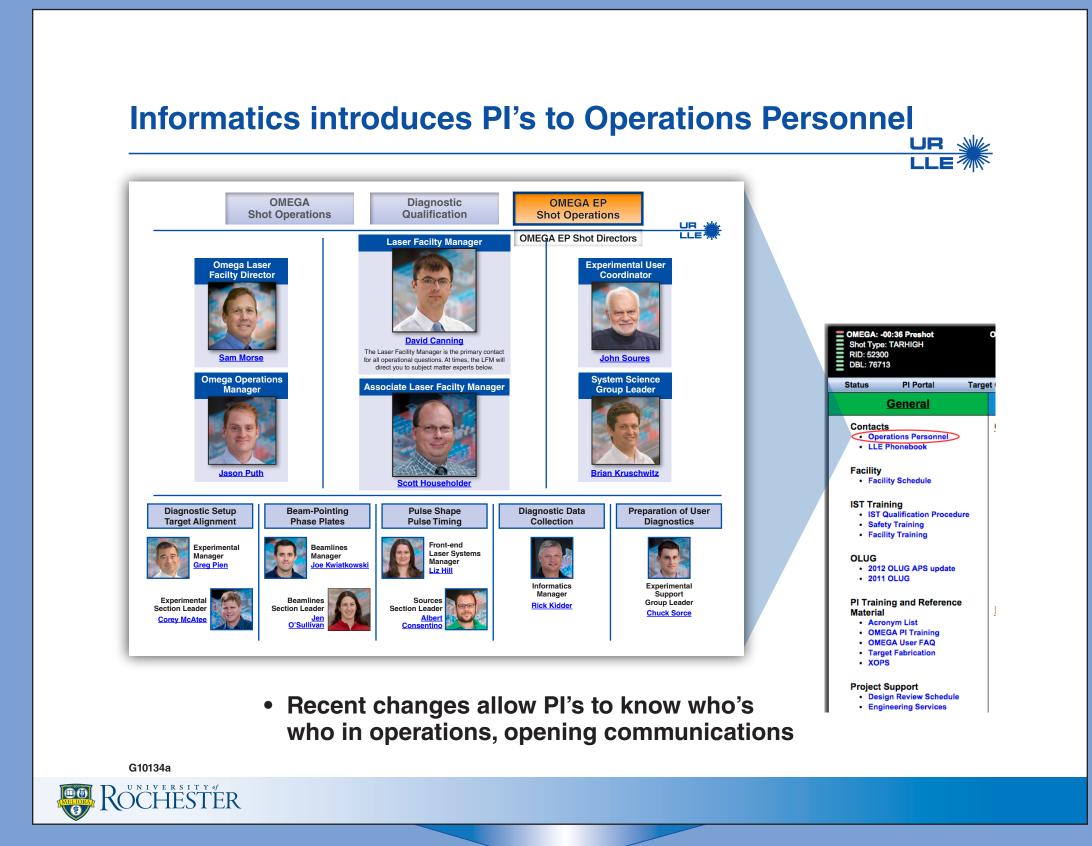
# External User Access Through the LLE Principal Investigator Portal

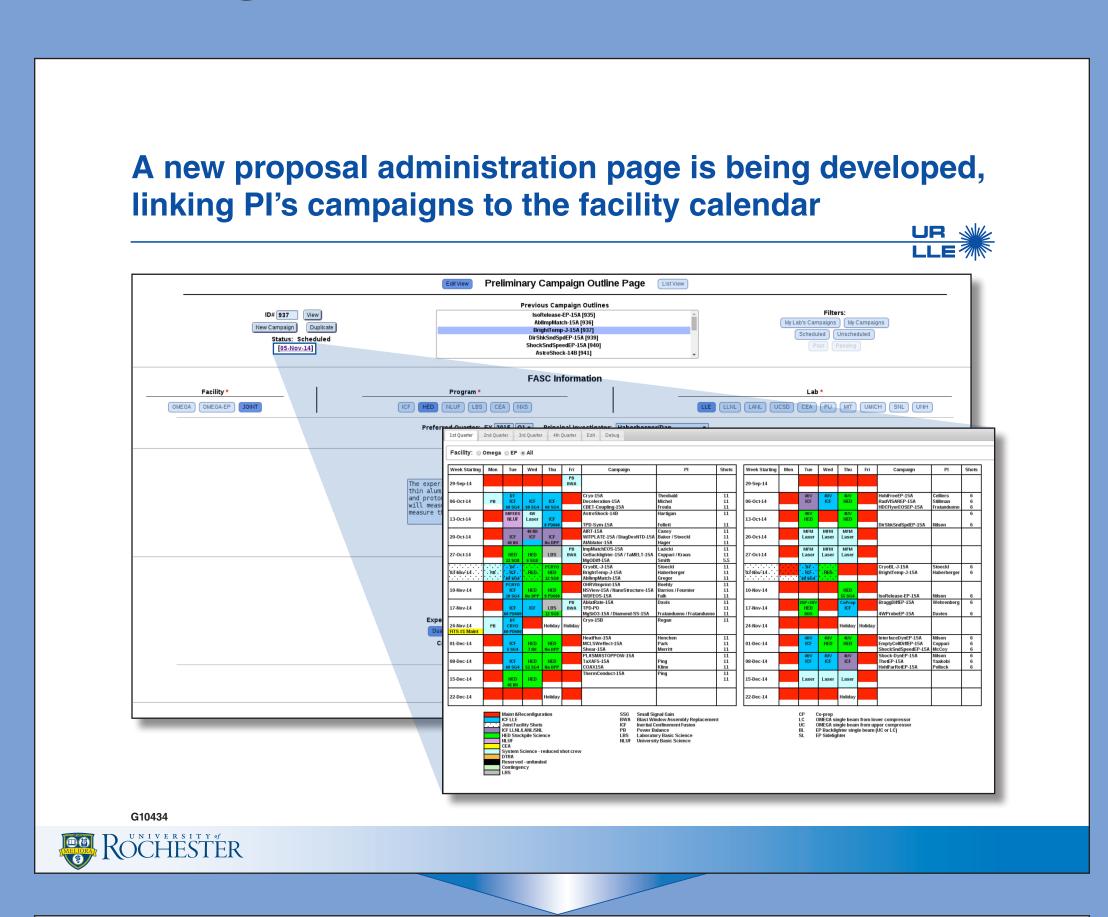


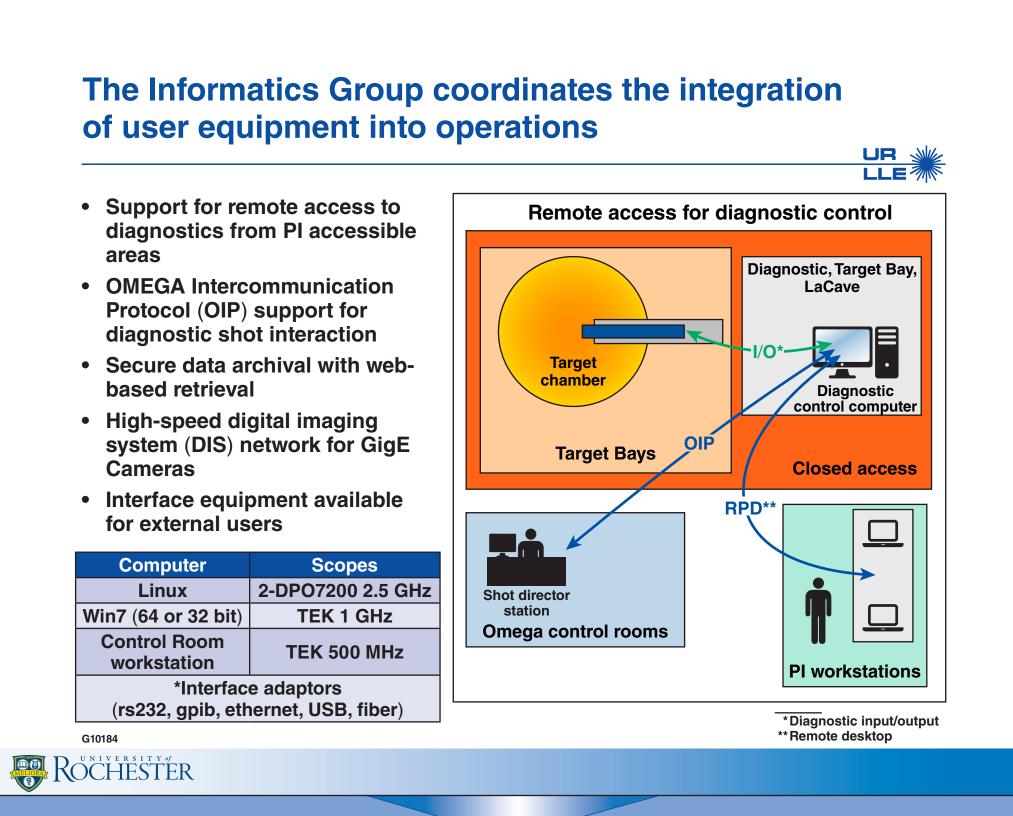
# R. W. KIDDER, A. ZELLER, T. MEYER, P. STOECKL, R. PASOLS, and R. HOLDERRIED

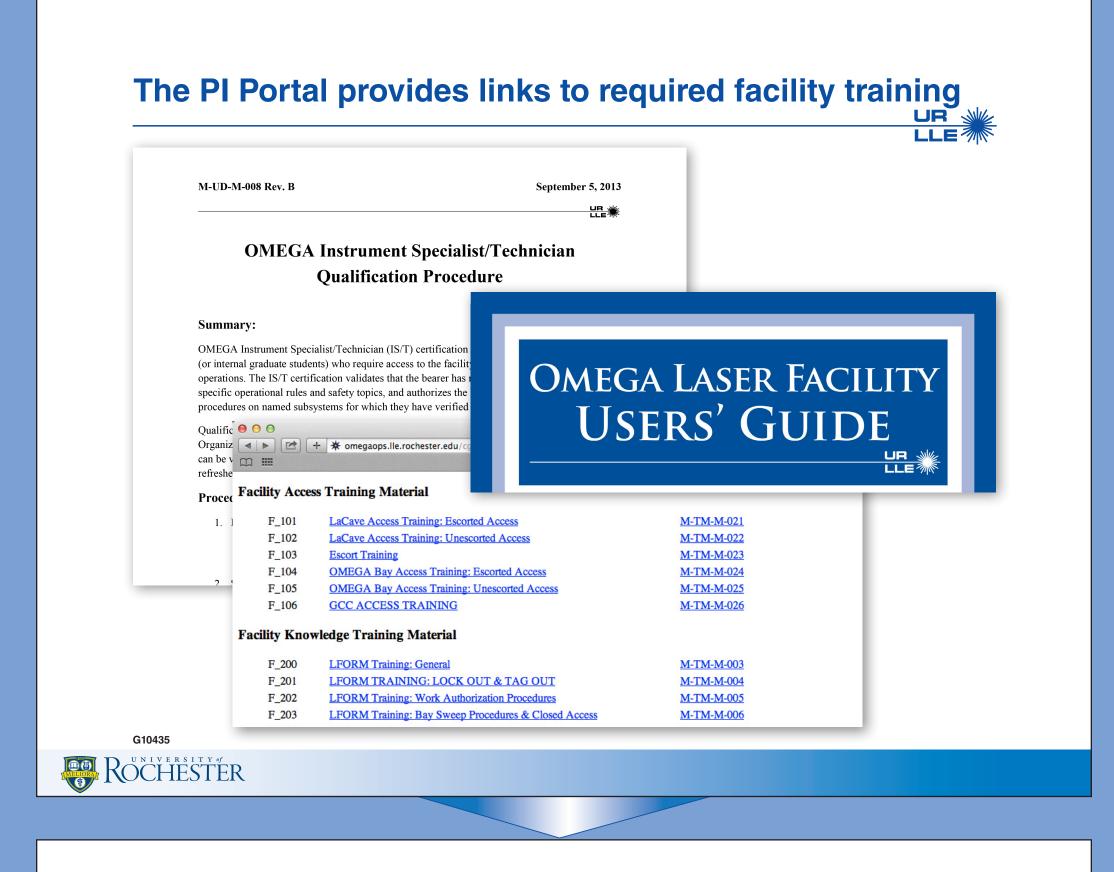
## University of Rochester, Laboratory for Laser Energetics

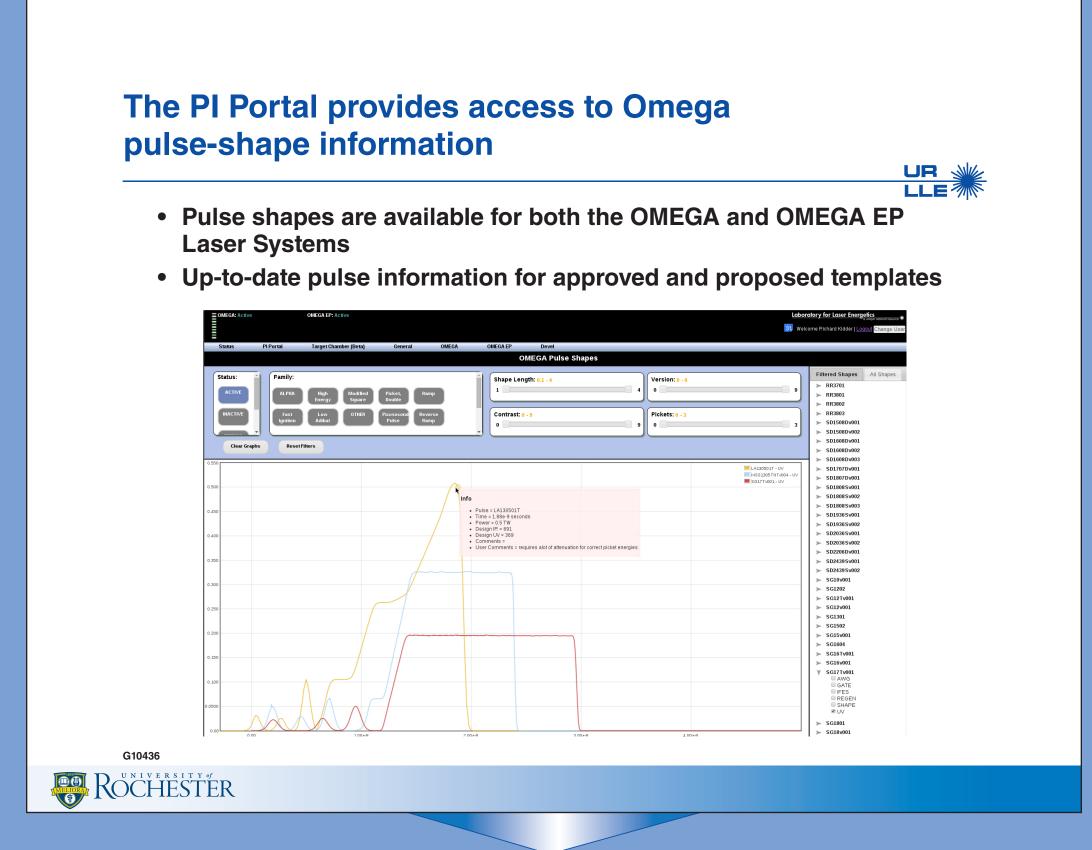


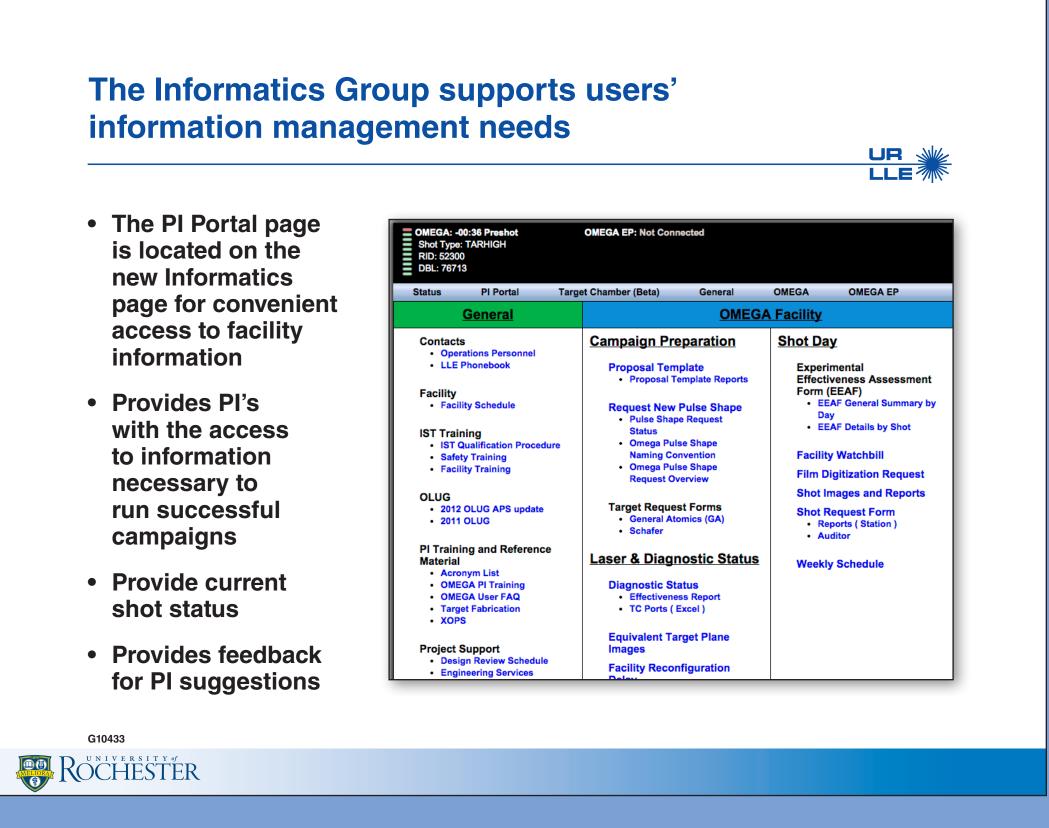


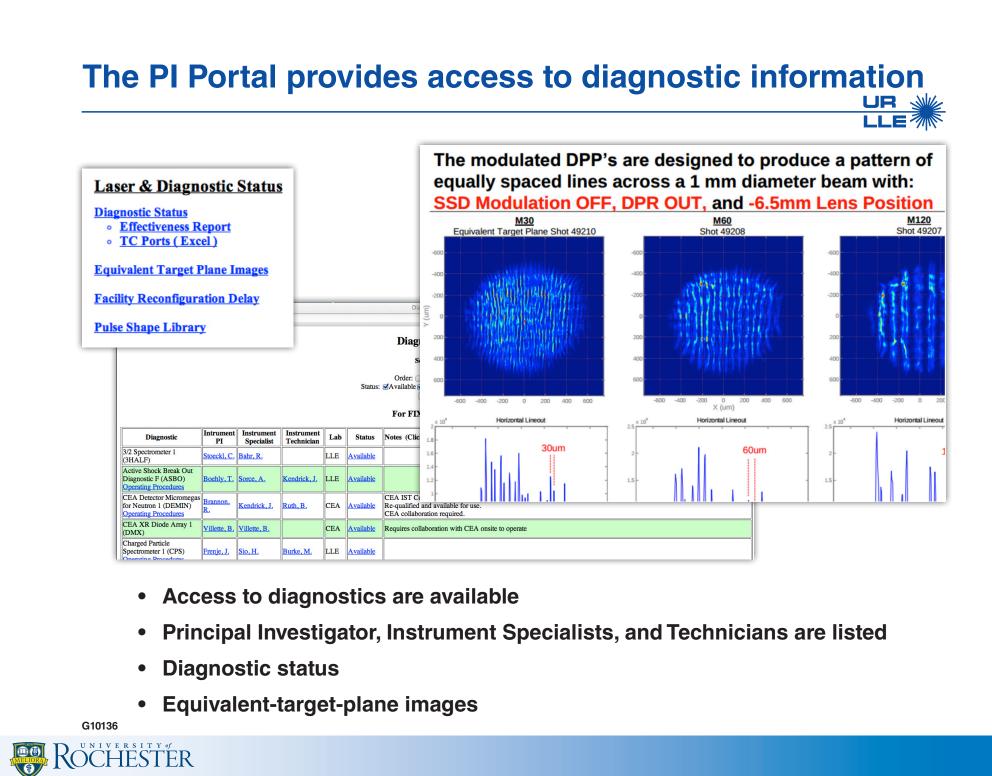


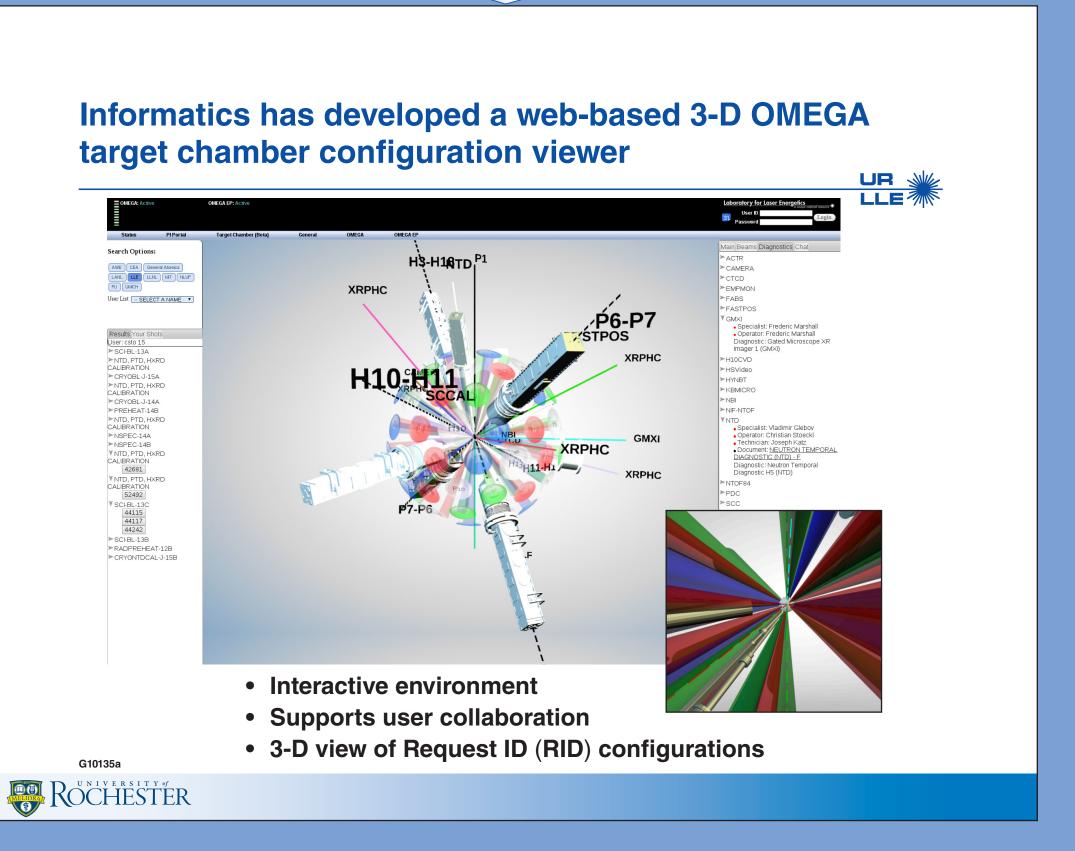












#### Informatics resources support Pl's through coordination of facility information

- The portal provides a one-stop location to find facility information
- Informatics pages provide the latest system status, pulse shaping, experimental, and laser configuration
- The Informatics Group coordinates access to resources like archives, networks, and databases
- Working to develop new tools and services to simplify access to facility information and reports



Current Shot

Shot Type - 6: Target, Low Yield

Main/Ssd Pulse Shape - SG10v001

Last Target Shot

Rid - 48000

Rid - 46806

Campaign - HED

Main/Ssd - 812

Ssd Modulation - OFF

Date - 01-Apr-2014 08:48:20



G10132a

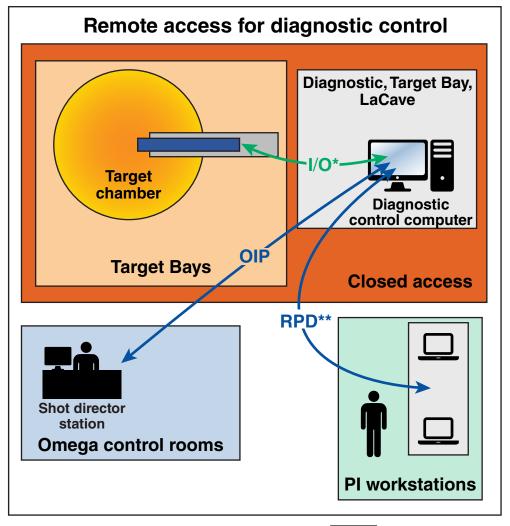
Basic Shot Info

## The Informatics Group coordinates the integration of user equipment into operations



- Support for remote access to diagnostics from PI accessible areas
- OMEGA Intercommunication Protocol (OIP) support for diagnostic shot interaction
- Secure data archival with webbased retrieval
- High-speed digital imaging system (DIS) network for GigE Cameras
- Interface equipment available for external users

| Computer   | Scopes            |
|--|-------------------|
| Linux  | 2-DPO7200 2.5 GHz |
| Win7 (64 or 32 bit)  | TEK 1 GHz         |
| Control Room workstation                                   | TEK 500 MHz       |
| *Interface adaptors<br>(rs232, gpib, ethernet, USB, fiber) |                   |



<sup>\*</sup>Diagnostic input/output

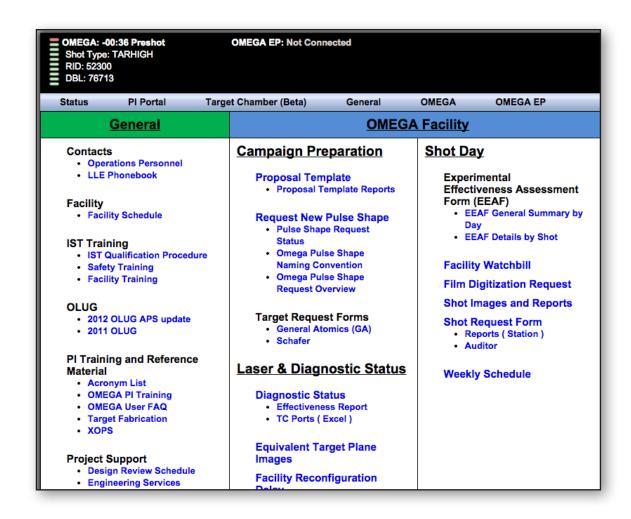


<sup>\*\*</sup>Remote desktop

## The Informatics Group supports users' information management needs



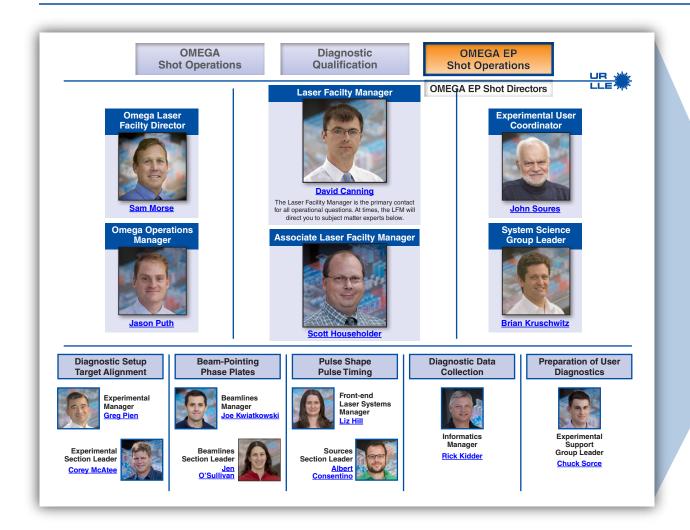
- The PI Portal page is located on the new Informatics page for convenient access to facility information
- Provides Pl's with the access to information necessary to run successful campaigns
- Provide current shot status
- Provides feedback for PI suggestions





#### Informatics introduces PI's to Operations Personnel

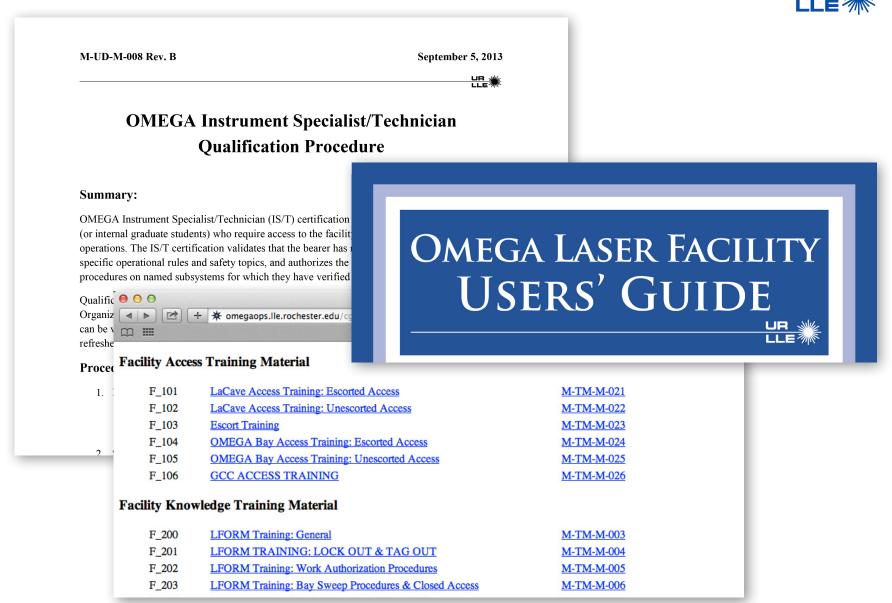




 Recent changes allow PI's to know who's who in operations, opening communications

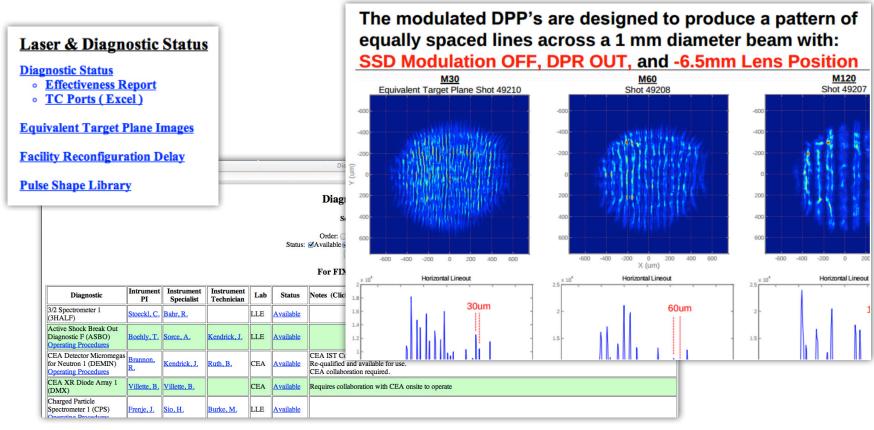


#### The PI Portal provides links to required facility training



#### The PI Portal provides access to diagnostic information



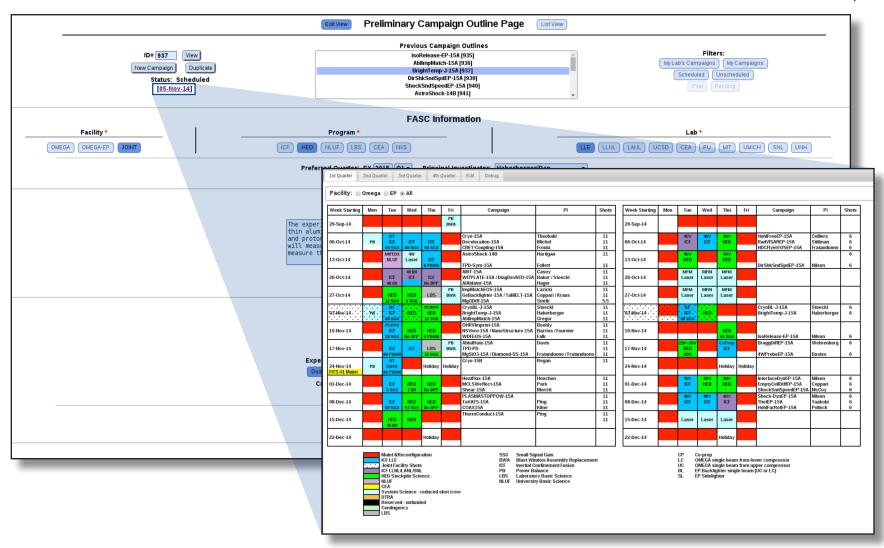


- Access to diagnostics are available
- Principal Investigator, Instrument Specialists, and Technicians are listed
- Diagnostic status
- Equivalent-target-plane images



## A new proposal administration page is being developed, linking PI's campaigns to the facility calendar

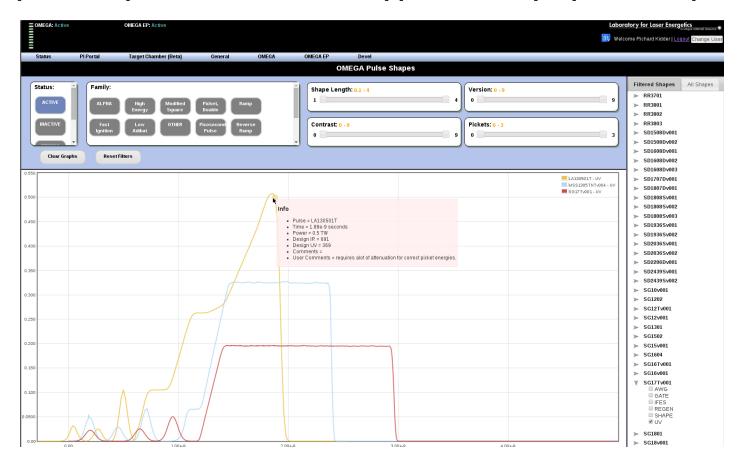




## The PI Portal provides access to Omega pulse-shape information



- Pulse shapes are available for both the OMEGA and OMEGA EP Laser Systems
- Up-to-date pulse information for approved and proposed templates



### Informatics has developed a web-based 3-D OMEGA target chamber configuration viewer

