

## Workshop agenda

- 9:00am: Welcome and opening remarks by [Dr. Mike Norman](#), Director SDSC  
Logistics and attendee introduction
- 9:30am: **Keynote:** Generative value through collaborative curation (Mark Parson)
- 10:30am: Break
- 10:40am: Lightning overview of web architecture (David Nadeau)
- 11:30am: Overview of SeedMe2 platform (Amit Chourasia)

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12:00pm: Lunch at [Cafe Ventana's](#)

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- 1:00pm: **Invited talk:** Sherlock Cloud - An accelerator for protected data computing  
(Sandeep Chandra)
- 1:20pm: Introduction to FolderShare (Hands-on: Amit Chourasia)  
Introduction to Drupal (Hands-on: Amit Chourasia)
- 3:00pm: Break
- 3:10pm: Foldershare configuration (Hands-on: David Nadeau)
- 3:30pm: Customizing FolderShare for your website (Hands-on: Amit Chourasia)
- 4:00pm: Foldershare web services access from the command line  
(Hands-on: David Nadeau)
- 4:40pm: **Capstone talk:** Using SeedMe2 for collaborative research of laser-plasma  
interactions (Dr. Alexey Arefiev)
- 5:00pm: Discussion

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5:30pm: Dinner at [Cafe Ventana's](#)

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### Keynote: Generative value through collaborative curation

**Speaker:** Mark Parsons (Sr. Scientist, Rensselaer Polytechnic Institute, former Secretary General of Research Data Alliance)

**Abstract:** Research data sharing and management is increasingly recognized as an important part of the scientific endeavor because it can increase the value of data to research and society. Nonetheless, it is not well understood how to measure the value of research data. Guidance to researchers about data management has largely been limited to data sharing mandates and management plan requirements. Scant attention is given to the need for active and ongoing data curation. In this talk, I suggest we adopt the concept of “generative value” for data by extending Zittrain’s (2008) definition of generativity: “the capacity to produce unanticipated change through unfiltered contributions from broad and varied audiences.” For data this means we must accommodate unanticipated use and unfiltered modifications. Building from decades of international experience and several case-studies, I present an argument and some initial methods for how data can be curated collaboratively by data management and disciplinary experts to maximize generative value.

### Invited talk: Sherlock Cloud - An accelerator for protected data computing

**Speaker:** Sandeep Chandra (Director - Health Cyberinfrastructure Division, SDSC)

**Abstract:** In this talk I will discuss service providers perspective who have the necessity to remain agile with ever-changing technological and customer requirements while simultaneously ensuring a compliant environment for secure data. I will also describe Sherlock’s ‘Innovation Accelerator Platforms’ that provides customers quick access to on-demand and secure data platforms to process and manage data in the cloud.

### Capstone talk: Using SeedMe2 for collaborative research of laser-plasma interactions

**Speaker:** Dr. Alexey Arefiev (Assistant Professor, Mechanical and Aerospace Engineering, UCSD)

**Abstract:** My research group conducts large supercomputer simulations of laser-plasma interactions. Resulting data from these simulations is further processed to create derived data products, we have a strong need to share these derived products with on-site and foreign collaborators. In this talk I will share my group’s experience of using SeedMe2 for collaborative research and its impact.