Virtual Residency
Intermediate Workshop:
Recap of Introductory Workshops

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Virtual Residency Intermediate Workshop 2018, Sunday August 5 2018
Introductory Workshop Theme #1

1. How to Understand and Work with Real Researchers
   1. Introduction to Research Cyberinfrastructure Consulting
   2. How to Give a CI Tour, and Why
   3. Effective Communication: How to Talk to Researchers about Their Research
   4. Real Users and Their Computational Research
   5. How to Do an Intake Interview
   6. Real users: CI Facilitation Practicum ("speed dating")
   7. Faculty: Tenure, Promotion, Reward System
   8. CI User Support
   9. Stories from the Trenches

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Introductory Workshop Theme #1

1. How to Understand and Work with Real Researchers (cont’d)
10. Exploring the Faculty Entrepreneurial Mindset [2016]
11. Ongoing Assistance of Researchers [2016]
12. Creating and Evaluating Training Workshops [2016]
13. Creating Effective CI Documentation and Other Learning Materials [2016]
14. Research Data Management [2016]
15. Engaging Undergraduates in HPC [2017]
17. Collecting and Processing Metrics for Evaluating Facilitation [2017]

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Introductory Workshop Theme #2

2. Technical Content

- Deploying Community Codes
- Debugging, Benchmarking & Tuning
- Using Videoconferencing and Collaboration Technologies for Consulting [2015]
- How to Design a Cluster [2016-17]
- Managing Research Data with Globus Software-as-a Service [2017]
- Experiences with Purchasing, Facilities etc [2017]
- Research Networking
  - Introduction to OpenFlow and Why It Matters [2015-16]
  - Exploring Open Daylight [2015-16]
  - The Software in Software Defined Networking [2015-16]
  - Research Networking: A High Level Overview [2017]

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3. Proposal Writing
   - Grant Proposal Basics
   - The Shifting Landscape of CI Funding Opportunities
   - So You Want to Write a CI Proposal

4. The Cyberinfrastructure Milieu
   - Finding and Provisioning Remote Resources (XSEDE, OSG) [2015]
   - The CI Milieu [2016-17]
   - Working Effectively with Vendors [2017]
   - Science Gateways Community Institute: Subsidized Services and Consultancy to Facilitate Research on Your Campus [2017]
   - Bringing Software/Data Carpentry to Your Institution [2017]

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Thanks for your attention!

Questions?

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