

NASPI RITT

Accomplishments and Plans

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February 3-4, 2009

Scottsdale, AZ

Summary of Accomplishments

- RITT Participants
- Research Repository
- NASPI Glossary of Terms
- Research Dataset
- Maintain Calendar of Events

RITT Participants

- Led by Lisa Beard (TVA) and John Minnicucci (SCE)
- Participants:
 - Mahendra Patel, Jeff Dagle, Pasma Apehaya, Bob Cummings, Dan Trudnowski, Floyd Galvan, George Rodriguez, Jay Giri, Joe Eto, Le Tang, Mani Mankatasubramanian, Merwin Brown, Philip Overholt, Shane Haveron, Stephen Lee, Stan Johnson, Yilu Liu, Yuri Makarov, Tefvik Sezi, Harry Lee, Greg Zweigle, Luigi Vanfretti, Zeb Tate, Lingling Fan, Jim Cole, Guillermo Calder Guizar, Manu Parashar, Pranesh Rao, Zheng Ce, Gang Duan, Jiong Hu, Junjie Lin, Jinghai Shi, Xiaochun Xiao, Xiaodong Xie, Dong Yang, Perry Pederson

Research Repository

- Created and maintained by PNNL with strong support from NASPI
- Web address:
<http://www.naspi.org/resources/ritt/repository.stm>
- Population: 140 Entries by Dec 2008
- Access: Viewed 7000+ times
- Feedback: ~40 improvements have been suggested, many have been implemented
 - Contributors: EPRI, TVA, PNNL,...

Research Repository (cont'd)

- Web statistics (December 2008)

Pages-URL			
Filter repository : 9 different pages-url Total: 297 different pages-url	Viewed	Average size	Entry
/repository/project_details.aspx	86	15.26 KB	10
/resources/ritt/repository.stm	55	7.31 KB	6
/repository/add_project.aspx	39	48.85 KB	2
/repository/projects.aspx	24	27.77 KB	4
/resources/pstt/toolsrepository.stm	7	8.53 KB	4
/toolrepository/tool_details.aspx	6	13.08 KB	5
/toolrepository/tools.aspx	2	12.32 KB	
/meetings/workgroup/2008_march/presentations/pnnl_research_repos...	1	509.77 KB	1
/toolrepository/add_tool.aspx	1	33.93 KB	
Others	7003	170.26 KB	1889

- Ability to edit projects is nearly to be completed.
- Project extraction functionality will be started soon.
- Upload projects via Excel spreadsheets:
 - The only way PNNL allows external users to upload files is through our FTP process, which doesn't allow for automated processing.

Glossary of Terms

- Created by PNNL initially
- Additional Entries Suggested
 - Contributors: EPRI, Alison Silverstein, TVA,...
- Needs a final approval to be posted at the NASPI website

Research Dataset

- Draft Researcher Synchrophasor Data Requirements
 - Prepared by Research Initiatives Task Team
 - Reviewed by Manu Parashar, Paul Trachian, Joe Chow

Plans for the next 3 months

- Finalize Researcher Test Data Sets Requirements
- Continue to help populate research website and repository
- Explore opportunities for collective funding of top priority research projects identified by RITT. Should RITT create a bank account for voluntary contributions from the industry organizations and other funding organizations to support these activities
- Establish closer links with IEEE, CIGRE, CERTS, PSERC, and other research organizations
- Provide a summary of research and development activities conducted by leading vendors and countries with explosive expansion of PMU technology and infrastructure, e.g. in Europe, Brazil, and China. Establish better link with them and develop a cooperation plan.
- Submit a paper to a leading industrial journal disseminating RITT activities
- Start publishing a once in 6 month digest of projects submitted to the Research Repository.
- Continue to develop test data sets available for all researchers/vendors