

# Eclipse PTP User-Developer Workshop

## Agenda

### USER MEETING — Tuesday, Sept. 18

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- 8:00 a.m. *Breakfast*
- 9:00 a.m. **Welcome, introduction, PTP demo/overview/agenda planning**  
Jay Alameda, NCSA  
Beth Tibbitts, IBM  
Gregory Watson, IBM
- 9:45 a.m. **Overcoming issues using PTP with very large projects**  
Gregory Watson, IBM
- 10:30 a.m. *Break*
- 10:45 a.m. **Large synch'ed project with multiple remote build systems**  
Brian Watt, IBM
- 11:15 a.m. **Tips for using synchronized projects and how to avoid common pitfalls**  
Roland Schulz, ORNL
- Noon *Lunch*
- 1:00 p.m. **Environment Management/build configuration/toolchain/path management: Issues**  
Jay Alameda, NCSA
- 1:45 p.m. **Managing multiple machine builds**  
Jay Alameda, NCSA
- 2:30 p.m. **How to get the debugger to work**  
Gregory Watson, IBM
- 3:15 p.m. *Break*
- 3:30 p.m. **Stand-alone Eclipse RCP app for system monitoring only (prototype)**  
Gregory Watson, IBM
- 3:45 p.m. **Other user reports**  
Beth Tibbitts, IBM
- 4:15 p.m. **User requirements: Improvements or new features that would make PTP an indispensable tool for you (including refactorings)**  
Beth Tibbitts, IBM
- 6:00 p.m. *Dinner*

### DEVELOPER MEETING — Wednesday, Sept. 19

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- 8:00 a.m. *Breakfast*
- 9:00 p.m. **Introduction, overview**  
Jay Alameda, NCSA  
Beth Tibbitts, IBM
- 9:30 a.m. **Adding support for a new JAXB resource manager**

Gregory Watson, IBM

- 10:15 a.m. *Break*
- 10:30 a.m. **Monitoring system basics, and adding support for a new batch system**  
*presenting remotely*  
Carsten Karbach, Jülich Supercomputing Centre  
Wolfgang Frings, Jülich Supercomputing Centre
- 11:15 a.m. **Synchronized projects: Internals and operation/Adding support for new synchronization providers**  
John Eblen, ORNL
- Noon *Lunch*
- 1:00 p.m. **Filtering for synchronized projects: Defaults and proposed changes**  
Jay Alameda, NCSA
- 1:45 p.m. **Introduction to Photran internals**  
Ralph Johnson, University of Illinois at Urbana, Champaign
- 2:30 p.m. **Adding new refactorings using the Fortran refactoring framework**  
Ralph Johnson, University of Illinois at Urbana, Champaign
- 3:15 p.m. *Break*
- 3:30 p.m. **Adding support for Fortran error parsers and compilers**  
Ralph Johnson, University of Illinois at Urbana, Champaign
- 4:00 p.m. **How the Environment Management System works and what else needs to be done**  
Jay Alameda, NCSA
- 4:45 p.m. **Follow-up on issues related to Environment Management/build configuration/toolchain/path management: Issues**  
Jay Alameda, NCSA
- 6:00 p.m. *Dinner*

## DEVELOPER MEETING — Thursday, Sept. 20

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- 8:00 a.m. *Breakfast*
- 8:30 a.m. **Using Eclipse CDT/PTP for static analysis**  
Beth Tibbitts, IBM
- 9:00 a.m. **Eclipse CDT refactoring overview and internals**  
*presenting remotely*  
Michael Rüegg
- 9:45 a.m. **Adding OpenCL support to Eclipse**  
*presenting remotely*  
Vincent Hindriksen, StreamComputing
- 10:30 a.m. **Integrating an external tool with ETFw**  
Wyatt Spear, University of Oregon
- 11:15 a.m. **Use of ETFw for custom GUI controls**  
Brian Watt, IBM
- 11:35 a.m. **Merging ETFw and JAXB**  
Chris Navarro, NCSA

Noon                    *Lunch*

1:00 p.m.            **Outstanding PTP bugs**  
                             Gregory Watson, IBM

1:45 p.m.            **Funding opportunities**  
                             Jay Alameda, NCSA

2:15 p.m.            Conclusion/wrap-up



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