PLDI C 2 H O i / N 2 A

Programming Language Design and Implementation

JUNE 11-16, 2012, BEIJING, CHINA

PLDI is a forum where researchers, developers, educators, and practitioners exchange information on the latest practical and experimental work in the design and implementation of programming languages. PLDI emphasizes innovative and creative approaches to compile-time and runtime technology; novel language designs and features; and results from implementations. The 33rd PLDI conference will have a number of firsts...

- first time in Asia
- first co-location with ECOOP
- new events such as the Asian-Pacific Track
- a family friendly conference with child care activities

Technical Program

- Language designs and extensions
- Static and dynamic analysis of programs
- Domain-specific languages and tools
- Performance analysis, evaluation, and tools
- Program transformation and optimization
- Interaction of compilers/runtimes with underlying systems
  - Checking or improving the security or correctness of programs
- Program synthesis
- Memory management
- Program understanding
- Novel programming models
- Debugging techniques and tools
- Type systems and program logics
- Parallelism, both implicit and explicit

Workshops

Proposals are invited for workshops and tutorials to be co-located with PLDI.

Important Dates

Submission Deadline	**November 6, 2011**
Acceptance Notification	**February 2, 2012**

Co-located events

- **ECOOP**: European Conference on Object Oriented Programming
- **LCTES**: Conference on Languages and Tools for Embedded Systems
- **ISMM**: International Symposium on Memory Management
- **TRANSACT**: Workshop on Transactional Memory
- **STOP**: Workshop on Scripts To Program Evolution
- **APPLC**: Asian-Pacific Programming Languages and Compilers Workshop

http://pldi12.cs.purdue.edu

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