

ML 2010

Call for Content

The 2010 ACM SIGPLAN Workshop on ML

<http://www.cs.rit.edu/~mtf/ml2010>

Baltimore, Maryland, United States

Sunday, September 26, 2010

co-located with ICFP 2010

ML is a family of programming languages that includes dialects known as Standard ML, Objective Caml, and F#. The development of these languages has inspired a large amount of computer science research, both practical and theoretical. This workshop aims to provide a forum to encourage discussion and research on ML and related technology (higher-order, typed, or strict languages).

The format of the 2010 Workshop on ML will be different than that of recent years, returning to a more informal model: a workshop with presentations selected from submitted abstracts but without published proceedings. We hope that this format will encourage the presentation of more exciting (if unpolished) research and deliver a more lively workshop atmosphere.

Important Dates

Submission: 25 June, 2010

Notification: 9 August, 2010

Format

The workshop will consist of presentations by the participants, selected from submitted abstracts. Participants are invited to submit working drafts, source code, and/or extended abstracts for distribution on the workshop homepage and to the attendees, but as the workshop will have no formal proceedings, any contributions may be submitted for publication to other venues. (See the [SIGPLAN republication policy](#) for more details.)

Scope

We primarily seek research presentations on topics related to ML, including (but not limited to):

- applications: case studies, experience reports, pearls, etc.
- extensions: higher forms of polymorphism, generic programming, objects, concurrency, distribution and mobility, semi-structured data handling, etc.
- type systems: inference, effects, overloading, modules, contracts, specifications and assertions, dynamic typing, error reporting, etc.
- implementation: compilers, interpreters, type checkers, partial evaluators, runtime systems, garbage collectors, etc.
- environments: libraries, tools, editors, debuggers, cross-language interoperability, functional data structures, etc.
- semantics: operational, denotational, program equivalence, parametricity, mechanization, etc.

Research presentations should describe new ideas, experimental results, significant advances in ML-related projects, or informed positions regarding proposals for next-generation ML-style languages. We especially encourage presentations that describe work in progress, that outline a future research agenda, or that encourage lively discussion.

In addition to research presentations, we seek both *Status Reports* and *Demos* that emphasize the practical application of ML research and technology.

Status Reports: Status reports are intended as a way of informing others in the ML community about the status of ML-related research or implementation projects, as well as communicating insights gained from such projects. Status reports need not present original research, but should deliver new information. In the abstract submission, describe the project and the specific technical content to be presented.

Demos: Live demonstrations or tutorials are intended to show new developments, interesting prototypes, or work in progress, in the form of tools, libraries, or application software built on or related to ML technology. In the abstract submission (which need only be about half a page), describe the demo and its technical content, and be sure to include the demo's title, authors, collaborators, references, and acknowledgments. A demonstration should take 10–15 minutes. The exact time per demo will be decided based on the number of accepted submissions. (Please note that you will need to provide all the hardware and software required for your demo; the workshop organizers are only able provide a projector.)

Submission Guidelines and Instructions

Email submissions to [mtf AT cs.rit.edu](mailto:mtf@cs.rit.edu). Submissions should be at most two pages, in PDF format, and printable on US Letter or A4 sized paper. Persons for whom this poses a hardship should contact the program chair. Submissions longer than a half a page should include a paragraph synopsis suitable for inclusion in the workshop program.

Program Chair

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