"Peter S. Housel" <housel@acm.org> on 04/18/2005 02:22:19 PM

To: submissions@nspw.org
cc:
Subject: Submission: Peter S. Housel, "$(MC)^2$: Mobile Code with a Mobile Compiler"

Enclosed is my submission for the NSPW 2005 workshop.

My paper, in the area of language-based security, represents a unique approach to transport formats for mobile code. While existing approaches for guaranteeing the type-safety of transported code restrict (to varying degrees) either the set of source languages that may be transported, or the set of target platforms on which it may be run, my approach makes use of semantics-based compiler generation to ensure that a suitable just-in-time compilation environment is available in the target environment.

The paper is adapted from my Ph.D. research proposal.

I am the sole author and would attend the workshop alone.

--
Peter S. Housel <housel@acm.org>

- housel-nspw.pdf