Michael Goodrich <goodrich@ics.uci.edu> on 04/19/2005 04:13:05 PM

To: submissions@nspw.org
cc: "Wenliang (Kevin) Du" <wedu@ecs.syr.edu>
Subject: NSPW Submission

In the off chance that you will interprete the call-for-papers deadline using Fiji time, I would like to ask that the enclosed paper be considered for New Security Paradigms Workshop 2005:

Exploiting Task Delays for Uncheatable Grid Computing,
by Wenliang Du, Michael T. Goodrich, and Ankur Kasturiya.

1. I am enclosing a PDF copy of the paper, as requested.

2. This paper opens up a new paradigm for uncheatable grid computing---the exploitation of task delays. This is a property that all grid computing enviornments (like SETI@home) possess, but no previous security papers have ever considered exploiting. We argue that this is a feature which should not be ignored, and instead it should be used against the cheaters. Moreover, we give several non-trivial ways that delay can indeed be used by the computation supervisor to make his/her job easier and to improve on the security of a grid computing system.

3. At least one coauthor would be able to attend the workshop, namely, Michael Goodrich, since he is relatively local. Ideally, one other coauthor, Ankur Kasturiya, would also attend, as he is a student.

Please let me know if this is an allowed submission under a relaxed interpretation of the deadline, as I have requested.

Sincerely,
Michael Goodrich

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