



UvA-DARE (Digital Academic Repository)

Understanding and mastering dynamics in computing grids: processing moldable tasks with user-level overlay

Mościcki, J.T.

Publication date
2011

[Link to publication](#)

Citation for published version (APA):

Mościcki, J. T. (2011). *Understanding and mastering dynamics in computing grids: processing moldable tasks with user-level overlay*.

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

Understanding and Mastering Dynamics in Computing Grids: Processing Moldable Tasks with User-Level Overlay

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. D.C van den Boom
ten overstaan van een door het college voor promoties
ingestelde commissie, in het openbaar te verdedigen
in de Agnietenkapel
op dinsdag 12 april 2011, te 12:00 uur

door

Jakub Tomasz Mościcki
geboren te Kraków, Polen.

Promotiecommissie

Promotor:	Prof. Dr. Marian T. Bubak
Co-promotor:	Prof. Dr. Peter M.A. Sloot
Overige leden:	Prof. Dr. Hamideh Afsarmanesh Dr. ir. Alfons G. Hoekstra Dr. Juergen Knobloch Prof. Dr. ir. Cees Th.A.M. de Laat Prof. Dr. Krzysztof Zielinski
Faculteit:	Faculteit der Natuurwetenschappen Wiskunde en Informatica



This work makes use of results produced by the Enabling Grids for E-science project, a project co-funded by the European Commission (under contract number INFSO-RI-222667) through the Seventh Framework Programme. EGEE brings together 91 partners in 32 countries to provide a seamless Grid infrastructure available to the European research community 24 hours a day. Full information is available at www.eu-egee.org and www.egi.eu

The book cover uses Stacy Reed's *Chaos From Order* artwork which she kindly shared with me for this purpose. Stacy is a diverse artist who enjoys exploring chaos through fractal applications. *Chaos From Order* represents the notion that in evolution, chaotic shapes and patterns, mutations, abnormalities and anomalies emerge over time, from what was once, in this case, a perfect mathematical form. More of her artwork can be viewed by visiting www.shedreamsindigital.net.

Author contact: jakub.moscicki@cern.ch
Printed by lulu.com
Copyright © 2011 Jakub T. Mościcki