UNIVERSITY OF AMSTERDAM

UvA-DARE (Digital Academic Repository)

A virtual reactor for simulation of plasma enhanced chemical vapor deposition

Krzhizhanovskaya, V.V.

Publication date
2008

Link to publication

Citation for published version (APA):
Krzhizhanovskaya, V. V. (2008). *A virtual reactor for simulation of plasma enhanced chemical vapor deposition*. [Thesis, fully internal, Universiteit van Amsterdam].

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, P.O. Box 19185, 1000 GD Amsterdam, The Netherlands. You will be contacted as soon as possible.

UvA-DARE is a service provided by the library of the University of Amsterdam (https://dare.uva.nl)

Download date:12 Nov 2026

A Virtual Reactor for Simulation of Plasma Enhanced Chemical Vapor Deposition

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 Vrijdag 20 Juni 2008, te 12:00 uur

door

Valeria Vladimirovna Krzhizhanovskaya

geboren te St. Petersburg, Rusland

Promotiecommissie:

Promotor:	**Prof. Dr. P.M.A. Sloot**
Co-promotor:	**Prof. Dr. Yu.E. Gorbachev**
Overige leden:	Prof. Dr. S.E. Alexandrov
	Prof. Dr. M.T. Bubak
	Prof. Dr. W.J. Goedheer
	Dr. A.G. Hoekstra
	Dr. J.-P. Taran
	Prof. Dr. R.J. Meijer
Faculteit:	Faculteit der Natuurwetenschappen, Wiskunde en Informatica

The work described in this thesis has been carried out in the Section Computational Science of the University of Amsterdam and St. Petersburg State Polytechnic University, with the financial support of EU IST CrossGrid (IST200132243), Dutch Bsik Virtual Laboratory for eScience (VL-e), SP2.1, Dutch-Russian NWO-RFBR # 047.016.007, 047.016.018 and DAS Distributed ASCI Super Computer.

Copyright © 2008 Valeria Krzhizhanovskaya
Author contact: valeria@science.uva.nl, lera@csa.ru

Cover design by Svetlana Krzhizhanovskaya
Back cover: plasma lamp by Luc Viatour from www.lucnix.be

ISBN: 978-90-9023166-2
Printed by PrintPartners Ipskamp, Enschede

To my family…