2015 International Workshop on Artificial Immune Systems (AIS 2015)

Taormina, Italy 17-18 July 2015



IEEE Catalog Number: ISBN: CFP15B90-POD 978-1-5090-0299-3

Copyright © 2015 by the Institute of Electrical and Electronic Engineers, Inc All Rights Reserved

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

***This publication is a representation of what appears in the IEEE Digital Libraries. Some format issues inherent in the e-media version may also appear in this print version.

IEEE Catalog Number:	CFP15B90-POD
ISBN (Print-On-Demand):	978-1-5090-0299-3
ISBN (Online):	978-1-5090-0298-6

Additional Copies of This Publication Are Available From:

Curran Associates, Inc 57 Morehouse Lane Red Hook, NY 12571 USA Phone: (845) 758-0400 Fax: (845) 758-2633 E-mail: curran@proceedings.com Web: www.proceedings.com



Table of Contents

Computational & Systems Immunology

Different Saccharomices Cerevisiae β-Glucans preparation's effect on Murine Dendritic Cells......41 *Artur Javmen, Saulius Grigiškis, Aušra Nemeikaitė-Čenienė and Mykolas Mauricas*

Immune-Inspired Computation

Special Session on "Artificial Immune Systems for Security and Privacy"

A Fine-grained Algorithm for Generating Hard-to-reverse Negative Databases
Multiple-Negative Survey Method for Enhancing the Accuracy of Negative Survey-based Cloud Data Privacy
SvdNPD: A Negative Data Publication Method Based on the Sensitive Value Distribution
Distribution Estimation Based Negative Selection Algorithm
GPU-Based Parallel Optimization and Embedded System Application of Immune Convolutional Neural Network