PROCEEDINGS

XXIX International Conference of the Chilean Computer Science Society

—— SCCC 2010 ——

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15–19 November 2010

Antofagasta, Chile

Edited by

Sergio F. Ochoa, Federico Meza, Domingo Mery, Claudio Cubillos

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SCCC 2010 Foreword

These proceedings offer a written account of the scientific contributions presented at the 29th International Conference of the Chilean Computer Science Society (SCCC 2010), held in Antofagasta, Chile, on November 15–19, 2010, hosted by Universidad Católica del Norte. This conference provides a forum for presenting and exploring the newest research and developments in computer science. The aim of the conference was to promote collaboration between national and international researchers, especially in Latin America. The key idea was to disseminate ongoing research on algorithms, distributed systems and parallelism, agents and collaborative systems, software engineering and pattern recognition. This volume is a manifestation of the ongoing success of the last 28 editions of the conference since the first edition in 1981 in Santiago, Chile.

SCCC 2010 provides evidence of the growing stature of the Chilean and Latin American scientific community in computer science and of the interest its scientific contributions generate worldwide. It received contributions from 14 countries, registering a total of 109 papers submitted, out of which 46 were accepted for publication in these proceedings and for presentation at the conference, resulting in an acceptance rate of 42%. The review process was carried out by our Program Committee, which was composed of nationally and internationally recognized scientists, all experts in their respective fields. Each paper was subject to a review, carried out by between two and three reviewers.

This conference would never have been successfully completed without the efforts of many people. We wish to thank the authors for the quality of their submissions and their hard work. We are especially indebted to the Program Committee members for their efforts for the proceedings—they ensured a high-quality review and selection process. Additionally, we would like to thank the reviewers, who generously spent their time providing useful comments, often quite detailed, and they certainly offered authors opportunities to improve their work not only for this conference, but also for future research. We thank the local organizing committee for their advice and help in preparing and running the event.

SCCC 2010 was organized by the Chilean Computer Science Society (SCCC), the National Committee for Scientific Research and Technology (CONICYT), and Universidad Católica del Norte de Chile. The event was organized by the Chilean Computer Science Society (SCCC) and Universidad Católica del Norte.

Sergio F. Ochoa, Federico Meza, Domingo Mery, and Claudio Cubillos
February 2011

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Table of Contents

Foreword.....x

Program Committee.....xi

Referees.....xii

Algorithms and Information Retrieval

Empirical Studies on Application of Genetic Algorithms and Ant Colony Optimization for Data Clustering 1

Thelma Elita Colanzi, Wesley Klewerton Guez Assunção, Aurora Trinidad Ramirez Pozo, Ana Cristina B. Kochem Vendramin, and Diogo Augusto Barros Pereira

Improving the Performance of a Ray Tracing Algorithm Using a GPU 11

Santiago Cioli, Gonzalo Ordeix, Eduardo Fernández, Martín Pedemonte, and Pablo Ezzatti

Information Retrieval Method to Extract Relationships between Gene and Diseases 21

Federico Romero and Helena Muñoz

Genetic Algorithm Based Voice Imitation System 27

L. Manuel Bozzo, P. Martín Gutiérrez, and L. Tomás Bozzo

Software Engineering

The EasySOC Project: A Rich Catalog of Best Practices for Developing Web Service Applications 33

Juan Manuel Rodriguez, Marco Crasso, Cristian Mateos, Alejandro Zunino, and Marcelo Campo

Mutation Testing Based on OCL Specifications and Aspect Oriented Programming 43

Luciano C. Ascari and Silvia R. Vergilio

A Software Testing Process for the Reference Model of Competisoft 51
Pablo Cruz, Rodolfo Villarroel, Fernando Mancilla, and Marcello Visconti

Analyzing the Scrum Process Model with AVISPA 60
Julio Ariel Hurtado Alegría, María Cecilia Bastarrica, and Alexandre Bergel

Building Secure Systems: From Threats to Security Patterns 66
Eduardo B. Fernandez and Sergio Mujica

Using Aspects and the Spring Framework to Implement Variabilities in a Software Product Line 71
André L.S. de Moraes, Rodrigo de C. Brito, Antonio C. Contieri Junior, Marcos C. Ramos, Thelma E. Colanzi, Itana M. de S. Gimenes, and Paulo Cesar Masiero

Requirements Engineering Practices in Very Small Software Enterprises: A Diagnostic Study 81
Alcides Quispe, Maira Marques, Luis Silvestre, Sergio F. Ochoa, and Romain Robbes

A Viability Study of an Integrated Approach of Software Development and Test to Distributed Teams 88
Gislaine Camila Lapasini Leal, Elisa H. Moriya Huzita, César Alberto da Silva, and Márcio Eduardo Delamaro

A Study on the Application of the PREViA Approach in Modeling Education 96
Marcelo Schots, Claudia Susie C. Rodrigues, Cláudia Werner, and Leonardo Murta

Combining COSTUME and Azimut+ to Address Functional and Non-functional Requirements in Software Component Selection 102
Fernando Mancilla, Hernán Astudillo, and Marcello Visconti

An Approach Based on DEVS for Evaluating Quality Attributes 110
Verónica Bogado, Silvio Gonnet, and Horacio Leone

ATAM-HW: Extending ATAM for Explicitly Incorporating Hardware-Related Trade-Off Decisions 119
Christian Peña, María Cecilia Bastarrica, and Daniel Perovich

Supporting Modularization in Textual DSL Development 124
Jerónimo Irazábal and Claudia Pons

A New Approach to Detect Communities in Multi-weighted Co-authorship Networks 131
Evelyn Perez Cervantes and Jesús P. Mena-Chalco

Agents and Collaborative Systems

The Spreading and Demise of Concepts in Social Groups 139
Sergio E. Chaigneau, Enrique Canessa, and Ariel Quezada

An Improved Fuzzy Rule-Based Automated Trading Agent 146
Héctor Allende-Cid, Enrique Canessa, and Ariel Quezada

MACOCO: A Discoverable Component Composition Framework Using a Multiagent System 152
Romina Torres, Hernán Astudillo, and Enrique Canessa

Simulating Passenger Transportation Scenarios through SIM-MADARP 161
Makarena Donoso, Daniel Sandoval, Claudio Cubillos, and Daniel Cabrera-Paniagua

Proposed Model of Behavior for a Community of Robotic Agents 168
Homero Latorre, Karina Harispe, Renato Salinas, and Gaston Lefranc

Escaping Heuristic Hollows in Real-Time Search without Learning 172
Carlos Hernández and Jorge A. Baier

Data Processing

Closest Pair Query on Spatial Data Sets without Index 178
Miguel Pincheira, Gilberto Gutiérrez, and Luis Gajardo

Graphical Query Mechanism for Historical Data Warehouse within MDD 183
Carlos Neil, Jerónimo Irazábal, Marcelo De Vincenzi, and Claudia Pons

Optimization of Association Rules with Genetic Algorithms 193
Avendaño J. Christian and Gutiérrez P. Martín

Artificial Intelligence and Machine Learning

Discovering Sensing Capability in Multi-agent Systems 198
Cristina Parpaglione and Juan Miguel Santos

Neuro-fuzzy-based Arrhythmia Classification Using Heart Rate Variability Features 205
Felipe Ramírez, Héctor Allende-Cid, Alejandro Veloz, and Héctor Allende

Automated Text Binary Classification Using Machine Learning Approach 212
Alberto Holts, Claudio Riquelme, and Rodrigo Alfaro

Human/Computer Interaction

Selection Techniques for Dense and Occluded Virtual 3D Environments, Supported by Depth Feedback: Double, Bound and Depth Bubble Cursors 218
Daniel Alejandro Winkler Rosa and Hubert Hoffmann Nagel

Virtual Museum Exhibition Designer Using Enhanced ARCO Standard 226
Daniel Biella, Wolfram Luther, and Nelson Baloian

Formal Modeling and Reconfiguration of User Interfaces 236
Benjamin Weyers and Wolfram Luther

Designing Interfaces for Children with Motor Impairments: An Ethnographic Approach 246
Marcela Bonilla, Sebastián Marichal, Gustavo Armagno, and Tomás Laurenzo

Software Applications

Generic Face Animation 252
Mauricio Cerda, Renato Valenzuela, Nancy Hitschfeld-Kahler, Lucas D. Terissi, and Juan C. Gómez

Morphological Color Images Processing Using Distance-Based and Lexicographic Order Operators 258
Paulo Gonzalez, Victor Cabezas, Marco Mora, Fernando Cordova, and Javier Vidal

Indirect Training with Error Backpropagation in Gray-Box Neural Model: Application to a Chemical Process 265
Francisco Cruz Naranjo and Gonzalo Acuña Leiva

Theoretic Computer Science

A Second-Order Logic in Which Variables Range over Relations with Complete First-Order Types 270
Alejandro L. Grosso and José M. Turull-Torres

A Refinement Based Notion of Non-interference for Interface Automata: Compositionality, Decidability and Synthesis 280
Matias Lee and Pedro R. D'Argenio

Operators over Compressed Integer Encodings 290
Carlos Bedregal Lizárraga and Eric Sadit Tellez

Empirical Studies in Computer Science

Soundness of Chilean Internet Routes 298
Pablo Sepúlveda, Victor Ramiro, Tomás Barros, and José Miguel Piquer

Estimating the Size of Natural Networks Using Local Information 307
Javier Bustos-Jiménez, Mauricio Hidalgo, and Elisa Schaeffer

A Decision Support System for Medium-Sized Emergencies 314
Andre Engelbrecht, Adriana S. Vivacqua, Marcos R.S. Borges, Álvaro Monares, Sergio F. Ochoa, and José A. Pino

Author Index 321