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ICAI 2016

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Foreword

It gives us great pleasure to introduce this collection of papers to be presented at the 2016 International Conference on Artificial Intelligence (ICAI'16), July 25-28, 2016, at Monte Carlo Resort, Las Vegas, USA.

An important mission of the World Congress in Computer Science, Computer Engineering, and Applied Computing (a federated congress to which this conference is affiliated with) includes *"Providing a unique platform for a diverse community of constituents composed of scholars, researchers, developers, educators, and practitioners. The Congress makes concerted effort to reach out to participants affiliated with diverse entities (such as: universities, institutions, corporations, government agencies, and research centers/labs) from all over the world. The congress also attempts to connect participants from institutions that have* ***teaching*** *as their main mission with those who are affiliated with institutions that have* ***research*** *as their main mission. The congress uses a quota system to achieve its institution and geography diversity objectives."* By any definition of diversity, this congress is among the most diverse scientific meeting in USA. We are proud to report that this federated congress has authors and participants from 74 different nations representing variety of personal and scientific experiences that arise from differences in culture and values. As can be seen (see below), the program committee of this conference as well as the program committee of all other tracks of the federated congress are as diverse as its authors and participants.

The program committee would like to thank all those who submitted papers for consideration. About 60% of the submissions were from outside the United States. Each submitted paper was peer-reviewed by two experts in the field for originality, significance, clarity, impact, and soundness. In cases of contradictory recommendations, a member of the conference program committee was charged to make the final decision; often, this involved seeking help from additional referees. In addition, papers whose authors included a member of the conference program committee were evaluated using the double-blinded review process. One exception to the above evaluation process was for papers that were submitted directly to chairs/organizers of pre-approved sessions/workshops; in these cases, the chairs/organizers were responsible for the evaluation of such submissions. The overall paper acceptance rate for regular papers was 24%; 20% of the remaining papers were accepted as poster papers (at the time of this writing, we had not yet received the acceptance rate for a couple of individual tracks.)

We are very grateful to the many colleagues who offered their services in organizing the conference. In particular, we would like to thank the members of Program Committee of ICAI'16, members of the congress Steering Committee, and members of the committees of federated congress tracks that have topics within the scope of ICAI. Many individuals listed below, will be requested after the conference to provide their expertise and services for selecting papers for publication (extended versions) in journal special issues as well as for publication in a set of research books (to be prepared for publishers including: Springer, Elsevier, BMC journals, and others).

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We would like to extend our appreciation to the referees, the members of the program committees of individual sessions, tracks, and workshops; their names do not appear in this document; they are listed on the web sites of individual tracks.

As Sponsors-at-large, partners, and/or organizers each of the followings (separated by semicolons) provided help for at least one track of the Congress: Computer Science Research, Education, and Applications Press (CSREA); US Chapter of World Academy of Science (http://www.worldcomp.org/) ; American Council on Science & Education & Federated Research Council (http://www.americancse.org/); HoIP, Health Without Boundaries, Healthcare over Internet Protocol, UK (http://www.hoip.eu); HoIP Telecom, UK (http://www.hoip-telecom.co.uk); and WABT, Human Health Medicine, UNESCO NGOs, Paris, France (http://www.thewabt.com/). In addition, a number of university faculty members and their staff (names appear on the cover of the set of proceedings), several publishers of computer science and computer engineering books and journals, chapters and/or task forces of computer science associations/organizations from 3 regions, and developers of high-performance machines and systems provided significant help in organizing the conference as well as providing some resources. We are grateful to them all.

We express our gratitude to keynote, invited, and individual conference/tracks and tutorial speakers - the list of speakers appears on the conference web site. We would also like to thank the followings: UCMSS (Universal Conference Management Systems & Support, California, USA) for managing all aspects of the conference; Dr. Tim Field of APC for coordinating and managing the printing of the proceedings; and the staff of Monte Carlo Resort (Convention department) in Las Vegas for the professional service they provided. Last but not least, we would like to thank the Co-Editors and Associate Co-Editors of ICAI'16: Prof. Hamid R. Arabnia, Dr. Roger Dziegiel, Dr. David de la Fuente, Prof. George Jandieri, Dr. Elena B. Kozerenko, Dr. Peter M. LaMonica, Dr. Raymond A. Liuzzi, Dr. Jose A. Olivas, Ashu M. G. Solo, Prof. Fernando G. Tinetti, and Dr. Todd Waskiewicz.

We present the proceedings of ICAI'16.

Steering Committee, 2016
http://www.worldcomp.org/

Contents

SESSION: ROBOTICS, PATH FINDING METHODS, NOVEL APPLICATIONS, AND RELATED TOPICS

A Faster Alternative to Traditional A* Search: Dynamically Weighted BDBOP **3**
John Baggs, Matthew Renner, Eman El-Sheikh

Using A 3D Interval Type-2 Fuzzy Interpolation System to Improve Robots Calibration Accuracy **10**
Ying Bai, Dali Wang

Automatic Surveying and Recognition of a Remote Target Using Blob Detection and Filtration for Unmanned Mobile Surveying System **17**
Jarjees Khidir, Gary Anderson

An Abstract Model of Multimodal Fusion using Fuzzy Sets to Derive Interactive Emotions **24**
Maha Thafar, Arvind Bansal

REACT-R and Unity Integration **31**
Llewyn Salt, Julian Wise, Charlotte Sennersten, Craig A. Lindley

Experiments in Fuzzy Multi-Robot Security System **38**
Mahmoud Tarokh, Malrey Lee, Hongseok Chae, Jeongran An, Gisung Jeong, Dukmo Yun

SESSION: LOGIC, FUZZY LOGIC, FUZZY CONTROL, BAYESIAN METHODS, AND APPLICATIONS

On the Possibility of an Event **47**
Daniel G. Schwartz

Towards An Automated Home Interior Designer System **52**
Aakanksha Bapna, G. Srinivisaraghavan

Improved ABC and Fuzzy Controller Based on Consonant FACTS Devices **60**
Heidar Ali Shayanfar, Oveis Abedinia, Nima Amjady, Saman Rajaei

Brain-actuated Control of Wheelchair Using Fuzzy Neural Networks **67**
Rahib H. Abiyev, Nurullah Akkaya, Ersin Ayta, Irfan Gunsel, Ahmet Cagman, Sanan Abizade

SESSION: AGENT TECHNOLOGIES AND APPLICATIONS

Towards Adaptive ex Ante Circuit Breakers in Financial Markets using Human-algorithmic Market Studies **77**
John Cartlidge

An Agent-Based Design for Distributed Artificial Intelligence **81**
James Crowder, John Carbone

Comparing the Group Intelligence of Static Agents Versus Mobile Agents in a Mobile Autonomous Environment **88**
Julien McKinney Young, Letha Etzkorn

SESSION: COGNITIVE COMPUTING, LEARNING METHODOLOGIES AND APPLICATIONS: REINFORCEMENT, CAUSAL, SUPERVISED AND UNSUPERVISED LEARNING + DEEP LEARNING

Theory-based Learning Analytics: Using Formal Concept Analysis for Intelligent Student Modelling **97**
Michael Kickmeier-Rust, Michael Bedek, Dietrich Albert

Relational Reinforcement Rule Induction and the Effect of Pruning **101**
Hebah ElGibreen, Mehmets Sabih Aksoy

Deep Learning Architectures for Hard Character Classification **108**
Vy Bui, Lin-Ching Chang

Cognitively Realistic Problem Solving through Causal Learning **115**
Seng-Beng Ho

Comparative Studies in Methods of Feature Recognition with Machine Learning for Affective Computing: A survey **122**
Deok Hee Nam

Towards Interactive Learning for Occupancy Estimation **127**
Manar Amayri, Stephane Polix, Patrick Reignier, Sanghamitra Bandyopadhyay

SESSION: ARTIFICIAL INTELLIGENCE, MODELING, NOVEL APPLICATIONS AND TOOLS

Detecting Reports of Mass Emergency on Twitter **137**
Viktor Pekar, Jane Binner, Hossein Najafi, Chris Hale

Analysis of the Effect of Distance Metric across Languages on Verse Similarity in the Qur'an **144**
Pan Huang, Amna Basharat, Khaled Rasheed

Using Artificial Intelligence to Automatically Customize Modern Car Infotainment Systems **151**
Ashraf Gaffar, Shokoufeh Monjezi Kouchak

Controlling Immune Memory Generated by Antibody Dynamics **157**
Chung-Ming Ou

A Method for the Automatic Determination of Seats in Non-territorial Offices **163**
Naoki Kawata, Mitsunori Miki, Katsuya Ito, Daichi Terai, Hiroto Aida

News Selection Method Considering the User's Interests for an Intelligent Conversation System **168**
Eriko Yoshimura, Misako Imono, Seiji Tsuchiya, Hirokazu Watabe

A Fast Quantization Tree Based Image Retrieval Method **174**
Xiali Wang, Xiaochun Wang, Anan Hou

A Seat Occupancy/Vacancy Detection Method using Smartphone and High-Resolution Infrared Sensors in a Non-territorial Office **180**
Daichi Terai, Mitsunori Miki, Sota Nakahara, Naoki Kawata, Hiroto Aida

Measuring Musical Rhythm Similarity: Edit Distance versus Minimum-Weight Many-to-Many Matchings **186**
Godfried Toussaint, Seung Man Oh

The Intelligent Lighting System Realizing Individual Illuminance in the Office not Influenced by Daylight using Mathematical Programming **190**
Katsuya Ito, Mitsunori Miki, Daichi Terai, Naoki Kawata, Hiroto Aida

Methodology for Disease Diagnosis based on Neural Network Using High Performance Computing **196**
Sangman Kim, Youngju Park, Jinhyeong Lee, Jusung Park

Implementation to Provide Individual Illuminance and Color Temperature in an Intelligent Lighting System by Estimating the Color Temperature **200**
Ryohei Jonan, Mitsunori Miki, Shinya Dainaka, Sota Nakahara, Hiroto Aida

Dynamic Decision-making with Reflecting and Learning for Self-adaptive Systems **207**
Misoo Kim, Hohyeon Jeong, Eunseok Lee

Proposal for a Beacon-type Intelligent Lighting System Automating the Toggling of the Occupancy Status Using a BLE Beacon **214**
Sota Nakahara, Mitsunori Miki, Kohei Yamaguchi, Shinya Dainaka, Hiroto Aida

3D SOM Neighborhood Algorithm **220**
Li Hongsong, Cheng Fulin , Wang Yanhua , Ai Xinyu

Proposal of Load Reduction Method of the Control Computer in the Cloud-type Intelligent Lighting System **224**
Shinya Dainaka, Mitsunori Miki, Sota Nakahara, Katsuya Ito, Hiroto Aida

Intelligent Software Environment for Integrated Expert Systems Development **230**
Galina V. Rybina, Yuri M. Blokhin

Use of Artificial Neural Networks in the Production Control of Small Batch Production **237**
Peter Nemeth, Thomas Bernhard Ladinig, Balazs Ferenczi

Can Neural Networks Help Diagnose? **241**
Wayne E. Smith, George L. Singleton

Task Learning Improves Two-Dimensional Movement Control in Brain-Computer Interfacing using only Two Electrodes in a Noninvasive, Low-Cost, Brain-Computer Interface (BCI) **244**
Jeffrey Devince, Arthur Ritter

OCR for Unreadable Damaged Characters on PCBs Using GSC Algorithm and kNN Classifier **250**
Carlos F. Nava-Duenas, Felix F. Gonzalez-Navarro

SESSION: NATURAL LANGUAGE PROCESSING, MACHINE TRANSLATION, WORD CATEGORIZATION, AND RELATED TOPICS

CAT'S Cradle: A Cognitive-Parametric Model of Computer Assisted Translation **257**
Boris Gorbis

Answering Decision Questions Involving An Adjective **264**
Kam-Hoi Cheng

Encoding Words into String Vectors for Word Categorization **271**
Taeho Jo

Graph Logic Model Framework for Predictive Linguistic Analysis **277**
Michail Charnine, Irina Kobozeva, Sergey Loesov, Igor Schagaev

SESSION: OPTIMIZATION ALGORITHMS

Harris's Hawk Multi-Objective Optimizer for Reference Point Problems **287**
Sandra DeBruyne, Devinder Kaur

Solving The Subgraph Isomorphism Problem Using Simulated Annealing And Evolutionary Algorithms **293**
Zuqing Li, Bernard Chen, Dongsheng Che

Multi-Source Power System LFC Using the Fractional Order PID Controller Based on SSO Algorithm Including Redox Flow Batteries and SMES **300**
Heidar Ali Shayanfar, Hossein Shayeghi, Abdollah Molaee

PID Type Stabilizer Design Using Grey Wolfe Optimization Algorithm **307**
Heidar Ali Shayanfar, Hossein Shayeghi, Abdollah Younesi

Optimization of 22 nm Logic Gates for Power-and-Noise-Margin and Energy-and-Noise-Margin **314**
Azam Beg, Rashad Ramzan, Amr Elchouemi

SESSION: PREDICTION AND FORCASTING METHODS

Short Term Forcasting of Financial Market Using Adaptive Learning in Neural Network **321**
Hong Li

A Neural Network Approach for Predicting Microstructure Development in Cement **328**
Dario Cruz, Doug Talbert, William Eberle, Joe Biernacki

Modeling Wildfire Ignition Distribution and Making Prediction of Human-caused Wildfire **335**
Weichen Ouyang, Chia-Yung Han, Susanna T.Y. Tong

Noise and Error Prediction for Neural Networks **342**
Dana Vrajitoru, Kholah Albelihi

Autoregressive Models May Loose its Global Optimization in Recursive Multistep Ahead Forecasting **349**
Hugo Siqueira, Ivette Luna, Mauricio Kaster, Christiano Lyra

Assessment of the Admission Criteria that Predict Students' Academic Performance in Undergraduate Years in a Nigerian University **356**
Okereke Eze Aru, Ifeyinwa E. Achumba, Felix K. Opara

SESSION: ARTIFICIAL INTELLIGENCE AND RELATED CONCEPTS

AI Inferences Utilizing Occam Abduction **365**
James Crowder

Schematization for Machine-Oriented Aesthetics **372**
Sabah Al-Fedaghi

SESSION: METHODOLOGIES FOR ENHANCING EDUCATION AND TOOLS

An Intelligent Web-Based System for Measuring Students' Attention Levels **381**
Omer Useche, Eman El-Sheikh

Programming Languages with Plan Knowledge Representation for Learning **389**
Christina Schweikert

SESSION: XVI TECHNICAL SESSION ON APPLICATIONS OF ADVANCED AI TECHNIQUES TO INFORMATION MANAGEMENT FOR SOLVING COMPANY-RELATED PROBLEMS

Analytic Knowledge Process: An Application of Decision Making Techniques in an Implementation Information System **395**
Roberto Alcalde Delgado, Lourdes Saiz Barcena, Miguel Angel Manzanedo, Belen Alonso Nunez

Forecasting Erratic Demand of Medicines in a Public Hospital: A Comparison of Artificial Neural Networks and ARIMA Models **401**
Ana Molina, Borja Ponte, Jose Parreno, David de la Fuente, Jose Costas

A Vision of Industry 4.0 from an Artificial Intelligence Point of View **407**
Miguel Dopico, Alberto Gomez, David De la Fuente, Nazario Garcia, Rafael Rosillo, J Puche

Use of Soft-Computing Techniques to Estimate the Performance of the IBEX 35 Values **414**
Arturo Peralta, Ricardo J. Rejas, Francisco P. Romero, Jose A. Olivas, Jesus Serrano-Guerrero

SESSION: KNOWLEDGE DISCOVERY AND MACHINE LEARNING

Artificial Intelligence (AI), Big Data, and Healthcare **425**
Gerard T. Capraro

Predicting Insurgent Activity with Biased Levy Flights **432**
Aaron Wheeler, Michael Winburn

AdaptiveWorkspace to Reduce Analyst Information Overload **437**
Bruce McQueary, Anton DeFrancesco, Lynn Lehman, Roger Dziegiel

Discovering Expert Communities Online using PSI4 **444**
Steven Minton, Neha Kansal, Brian Amanatullah, Kane See, Matthew Michelson

Distributed Information Gathering, Exploration and Sense-making Toolkit (DIGEST) **449**
Perakath Benjamin, Karthic Madanagopal, Madhav Erraguntla, Daniel Corlette

A Privacy Approach for Crowd-Source Analytics Based on Internet of Things Sensor Data **456**
Dean Mumme, Robert McGraw, Richard MacDonald

SESSION: POSTER PAPERS

Generic Object Recognition using Bag-of-Features and Image Concept-Base **465**
Hirokazu Watabe, Misako Imono, Eriko Yoshimura, Seiji Tsuchiya

Judging Emotion from EEGs Using SVM and Principal Component Analysis **467**
Seiji Tsuchiya, Mayo Morimoto, Misako Imono, Hirokazu Watabe

Deep Recurrent Neural Network and Psychoacoustic Modeling for Speech Enhancement **469**
Yu Yong Jeon, Gyu Seok Park, Jang-Woo Kwon, Sang Min Lee

Dual Sub-swarm Interaction QPSO Algorithm based on Different Correlation Coefficients **471**
Tao Wu, Xi Chen, Xi Wu

Legalized Path Planning of Mobile Real Time Location System in Emergency Department **473**
Shachi Singh, Andrew R. Winton

SESSION: INTELLIGENT LINGUISTIC TECHNOLOGIES, ILINTEC'16

Plausible Expectations-Based Inference for Semantic Analysis **477**
Igor Boguslavsky, Vyacheslav Dikonov, Tatiana Frolova, Leonid Iomdin, Alexander Lazurski, Ivan Rygaev, Svetlana Timoshenko

SESSION: LATE BREAKING PAPERS - OPTIMIZATION METHODS AND MODELS, LEARNING TECHNIQUES, FUZZY LOGIC, AND APPLICATIONS

Solving 0-1 Multi-Dimensional Knapsack Problem using a Discrete Binary Version of Grey Wolf Optimizer Algorithm **487**
Srivathsan Lakshminarayanan, Devinder Kaur

The Design of a Bayesian Network Vehicle Traffic flow Prediction Model for Johannesburg **494**
Ziphozethu Nkosi, Barnabas Ndlovu Gatsheni

A Novel Extreme Learning Machine-refined Binary Coding based Feature Extraction Algorithm **501**
Maziar Moradi Fard, Hossein Ghomeshi

Fuzzy-logic Controller for Brushless DC PM Motor **506**
Martin Moreno Guzman, Antonio Hernandez Zavala, Ivan Dominguez-Lopez, Rodolfo Orosco Guerrero

A new Fuzzy MultiGrouped Particle Swarm Optimization Algorithm **511**
Maziar Moradi Fard, Hossein Ghomeshi

mpEAd: A Tool For Diagramming Multi-Population Evolutionary Algorithms **516**
Sebastian Lenartowicz, Mark Wineberg