



### **Call for Participation**

We invite you to join us in Zurich, Switzerland on January 25 ~ 26, 2020- 7th International Conference on Computer Science and Information Technology (CoSIT 2020).

The Conference a forum for presenting new advances and research results in the fields of Computer Science, Engineering and Information Technology.

### **Highlights of COSIT 2020include:**

- Invited talk from eminent Professors.
- Submission of 300 papers from North America to Australia and selection of only Quality papers
- 7th International Conference on Artificial Intelligence and Applications (AIAPP 2020)
- 7th International Conference on Signal and Image Processing (SIGL 2020)
- 6th International Conference on Cryptography and Information Security (CRIS 2020)
- 7th International Conference on Cybernetics & Informatics (CYBI 2020)
- 6th International Conference on Data Mining and Applications (DMA 2020)
- 6th International Conference on Software Engineering (SEC 2020)
- International Conference on Big Data CBDA 2020
- International Conference on Natural Language Processing and Machine Learning (NLPML 2020)

### **Registration Participants**

Non-Author / Co-Author/ Simple Participants (no paper)

**390 EURO (With proceedings)**

Here's where you can reach us: [cosit@cosit2020.org](mailto:cosit@cosit2020.org) or [Cosit23\\_conf@yahoo.com](mailto:Cosit23_conf@yahoo.com)

### **Accepted Papers**

**Sentiment Classification for Under-Resourced Language Using Word2Vec Neural Network:  
Amharic Language Social Media Text**

<sup>1</sup>Zewdie Mossie and <sup>2</sup>Jenq-Haur Wang, <sup>1</sup>Department of Computer Science and Information Engineering, National Taipei University of Technology, Taiwan and <sup>2</sup>Department of International Graduate Program in Electrical Engineering and Computer Science, National Taipei University of Technology, Taipei, Taiwan

## **Ontological Approach for Knowledge Extraction from Clinical Documents**

Raxit Goswami and Vatsal Shah Research Department, ezDI Inc, Kentucky, USA

## **Transfer Learning for Recognition of Surgical Workflow**

Baolian Qi<sup>1,3</sup>, Kunhua Zhong<sup>1,2,3</sup> and Yuwen Chen<sup>1,2,3</sup>, <sup>1</sup>Chengdu Computing Institute of the Chinese Academy of Sciences, Chengdu, China, <sup>2</sup>Chongqing Institute of Green and Intelligent, Chongqing, China and <sup>3</sup>University of Chinese Academy of Sciences, Beijing, China

## **Deep Image Compositing**

Shivangi Aneja and Soham Mazumder, Technical University of Munich, Germany

## **A Comprehensive Survey on TCP Congestion and INCAST Solutions in Data Center Networks**

Houda Amari<sup>1</sup>, LyesKhoukhi<sup>2</sup> and Lamia HadrichBelguith<sup>3,1</sup>Department of Computing Science, University of Sfax, Sfax, Tunisia, <sup>2</sup>ERA Lab, University of Technology of Troyes, Paris, France and <sup>3</sup>MIRACL Lab, University of Sfax, Sfax, Tunisia

## **Lekana - Blockchain Based Archive Storage**

ErangaBandara<sup>1</sup>, Wee Keong Ng<sup>2</sup>, Nalin Ranasinghe<sup>3</sup>, Kasun De Zoysa<sup>3</sup>, Bard Langoy<sup>1</sup> and David Larsson<sup>1</sup>, <sup>1</sup>Pagero AB, Gothenburg Sweden, <sup>2</sup>School of Computer Science and Engineering Nanyang Technological University, Singapore and <sup>3</sup>University of Colombo School of Computing, Sri Lanka

## **Innocrowd, A Contribution to an IoT Based Engineering Product Development**

Camille Salinesi<sup>1</sup>, Clotilde Rohleder<sup>2</sup>, AsmaaAchtaich<sup>1,3</sup>, Indra Kusumah<sup>1,2</sup>, 1CRI -Paris <sup>1</sup> Sorbonne University, Paris, France, <sup>2</sup>University of Applied Science HTWG Constan, Germany and <sup>3</sup>Siweb – Université Mohammed 5, Rabat, Maroc

## **Internet Research Agency's Campaign to Influence the U.S. 2016 Elections: Assessing Linguistic Profiles Via Statistical Analysis**

YuLinBingle, William Burke, Micheline Al Harrack, Larry Blankenship, Khoanam Nguyen, Christopher Sokol, Sara Sadat Tabatabaei, Department of Cybersecurity, Marymount University, Arlington, Virginia, USA

## **Revisit Dialogflow in an English Teaching Virtual Assistant use Case**

M.S. Tran<sup>1</sup>, T.H. Tran<sup>2</sup>, Q.D. Tran<sup>3</sup>, <sup>1</sup>AI Lab, Topica Holding, Hanoi, Vietnam, <sup>2</sup>University of Technology and Education, Hochiminh City, Vietnam and <sup>3</sup>Hanoi University of Science and Technology, Hanoi, Vietnam.

## **Tensorflow 2.0 And Kubeflow for Scalable and Reproducible Enterprise AI**

Romeo Kienzler<sup>1,2</sup>, Holger Kyas<sup>2,3</sup>, <sup>1</sup>IBM Center for Open Source Data and AI Technologies, San Francisco, CA, USA, <sup>2</sup>Berne University of Applied Sciences, Berne, Switzerland and <sup>3</sup>Helvetia Insurance Switzerland, Basel, Switzerland

## **CBS: A Crypto-bio System for Information Security**

THOMPSON A.F, OWOLAFE O., Department of Computer Science, Federal University of Technology, Akure, Nigeria

## **Buliding The First Arabic Dataset for Sentiment Analysis in Syrian Dialect Out of Facebook platform**

<sup>1</sup>Nasser Nasser and <sup>2</sup>Ali Arous, <sup>1</sup>Department of Software Engineering, Tishreen University, Latakia, Syria <sup>2</sup>Department of Software Engineering, Tishreen University, Latakia, Syria

## **Accounting narrative obfuscation in financial statements**

Jörg Hering, Jens Hölscher and Phyllis Alexander, Department of Accounting, Finance and Economics, Bournemouth University, 89 Holdenhurst Road, Bournemouth BH8 8EB, United Kingdom

## **Fase-AI — Adaptation of Fast Adaptive Stacking of Ensembles for Supporting Active Learning**

Agustín Alejandro Ortiz-Díaz<sup>1</sup>, Fabiano Baldo<sup>1</sup>, Laura María Palomino Mariño<sup>2</sup> and Alberto Verdecia Cabrera<sup>3</sup> <sup>1</sup>Santa Catarina State University, Joinville, Santa Catarina, Brazil, <sup>2</sup>Pernambuco Federal University, Recife, Pernambuco, Brazil and <sup>3</sup>Granma University, Manzanillo, Granma, Cuba

## **Analysis of Echo Characteristics for Time – Varying Scatterers**

Junjie Wang<sup>1</sup>, Weidong Hu<sup>2</sup> and Dejun Feng<sup>3</sup> <sup>1</sup>State Key Laboratory of Complex Electromagnetic Environmental Effects on Electronics and Information System, National University of Defense Technology, Changsha, China, <sup>2</sup>College of Electrical Science, National University of Defense Technology, Changsha, China

## **Detecting and Mapping Ancient Buildings by using GPR**

Muhammet Cihat MUMCU, Faculty of Engineering, Marmara University, Istanbul, Turkey and Department of Electrical & Electronics Engineering, Maltepe University, Istanbul, Turkey

## **Event-Based Real-Time Hand Gesture Recognition using Spiking Neural Network**

Van Khoa LE and Sylvain Bougnoux, IMRA Europe S.A.S., 220 Rue Albert Caquot, 06904 Sophia-Antipolis

## **Improvement of Intrusion Detection System's Accuracy Using Gradient Boosting Trees on Kyoto 2016 Dataset**

Ryosuke Terado<sup>1</sup> and Morihito Hayashida<sup>2</sup>, <sup>1</sup>Electrical Group - WORKS Co., Ltd, Masuda, Shimane, Japan <sup>2</sup>National Institute of Technology, Matsue College, Matsue, Shimane, Japan

## **Privacy Preserving Data Aggregation and Dynamic Billing System in Smart Grid Using Permissioned Blockchain**

Ozgur Oksuz, Faculty of Engineering, Adiyaman University, Adiyaman, Turkey

## **Design of Blockchain Ledger Compression Algorithm**

Zhijun Wu, Yiming Yang and Xin Lu, Civil Aviation University of China, Tianjin, China

## **Evaluating Verbal Production Levels**

Fabio Fassetti<sup>1</sup> and Ilaria Fassetti<sup>2</sup>, <sup>1</sup>DIMES Dept., University of Calabria, Italy and <sup>2</sup>Therapia, Rehabilitation Center, Italy

## **A Computational Phonetic Comparison Algorithms Approach for the Low-Resources Languages (Extinct Meroitic)**

Ali Raham

## **A Modern Psycho-virus War of AI for the Global Mind**

Alexander G. Yushchenko, Department of Information Systems, National Technical University Kharkiv Polytechnic Institute, Kharkiv, Ukraine

## **Filter-based Active Suspension System with Adapted Reference Input**

Adel Djellal<sup>1</sup> and Rabah Lake<sup>2</sup>, <sup>1</sup>Department of Second Cycle, Higher School for Industrial Technologies, Annaba, Algeria and <sup>2</sup>Department of Electronics, Badji Mokhtar University, Annaba, Algeria

## **Separateness Algorithm of Relevant and Irrelevant Documents Based on Lagrange Multipliers**

Rabeb Mbarek and Hawete Hattab