



Call for Participation

We invite you to join us in Zurich, Switzerland on January 25 ~ 26, 2020 for 7th International Conference on Signal and Image Processing (SIGL 2020)

The Conference is a forum for presenting new advances and research results in the fields of Signal and Image Processing. The Workshop will bring together leading researchers, engineers and scientists in the domain of interest from around the world.

Highlights of CRIS 2020 include:

- Invited talk from eminent Professors
- Submission of 150 papers from North America to Australia and selection of only Quality papers
- 7th International Conference on Computer Science and Information Technology (CoSIT 2020)
- 6th International Conference on Cryptography and Information Security (CRIS 2020)
- 7th International Conference on Artificial Intelligence and Applications (AIAPP 2020)
- International Conference on Big Data (CBDA 2020)
- International Conference on Natural Language Processing and Machine Learning (NLPML 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)

Registration Participants

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

390 EURO (With proceedings)

Here's where you can reach us: sigl@cosit2020.org or sigl_conference@yahoo.com

Accepted Papers

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

¹Zewdie Mossie and ²Jenq-Haur Wang, ¹Department of Computer Science and Information Engineering, National Taipei University of Technology, Taiwan and ²Department 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^{1,3}, Kunhua Zhong^{1,2,3} and Yuwen Chen^{1,2,3}, ¹Chengdu Computing Institute of the Chinese Academy of Sciences, Chengdu, China, ²Chongqing Institute of Green and Intelligent, Chongqing, China and ³University 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 Amari¹, LyesKhoukhi² and Lamia HadrichBelguith^{3,1}Department of Computing Science, University of Sfax, Sfax, Tunisia, ²ERA Lab, University of Technology of Troyes, Paris, France and ³MIRACL Lab, University of Sfax, Sfax, Tunisia

Lekana - Blockchain Based Archive Storage

ErangaBandara¹, Wee Keong Ng², Nalin Ranasinghe³, Kasun De Zoysa³, Bard Langoy¹ and David Larsson¹, ¹Pagero AB, Gothenburg Sweden, ²School of Computer Science and Engineering Nanyang Technological University, Singapore and ³University of Colombo School of Computing, Sri Lanka

Innocrowd, A Contribution to an IoT Based Engineering Product Development

Camille Salinesi¹, Clotilde Rohleder², AsmaaAchtaich^{1,3}, Indra Kusumah^{1,2}, 1CRI -Paris ¹ Sorbonne University, Paris, France, ²University of Applied Science HTWG Constan, Germany and ³Siweb – 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. Tran¹, T.H. Tran², Q.D. Tran³, ¹AI Lab, Topica Holding, Hanoi, Vietnam, ²University of Technology and Education, Hochiminh City, Vietnam and ³Hanoi University of Science and Technology, Hanoi, Vietnam.

Tensorflow 2.0 And Kubeflow for Scalable and Reproducible Enterprise AI

Romeo Kienzler^{1,2}, Holger Kyas^{2,3}, ¹IBM Center for Open Source Data and AI Technologies, San Francisco, CA, USA, ²Berne University of Applied Sciences, Berne, Switzerland and ³Helvetia 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

¹Nasser Nasser and ²Ali Arous, ¹Department of Software Engineering, Tishreen University, Latakia, Syria ²Department 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-Díaz¹, Fabiano Baldo¹, Laura María Palomino Mariño² and Alberto Verdecia Cabrera³, ¹Santa Catarina State University, Joinville, Santa Catarina, Brazil, ²Pernambuco Federal University, Recife, Pernambuco, Brazil and ³Granma University, Manzanillo, Granma, Cuba

Analysis of Echo Characteristics for Time – Varying Scatterers

Junjie Wang¹, Weidong Hu² and Dejun Feng³, ¹State Key Laboratory of Complex Electromagnetic Environmental Effects on Electronics and Information System, National University of Defense Technology, Changsha, China, ²College 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 Terado¹ and Morihiro Hayashida², ¹Electrical Group - WORKS Co., Ltd, Masuda, Shimane, Japan ²National 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 Fassetti¹ and Ilaria Fassetti², ¹DIMES Dept., University of Calabria, Italy and ²Therapeia, 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 Djellal¹ and Rabah Lake², ¹Department of Second Cycle, Higher School for Industrial Technologies, Annaba, Algeria and ²Department of Electronics, Badji Mokhtar University, Annaba, Algeria

Separateness Algorithm of Relevant and Irrelevant Documents Based on Lagrange Multipliers

Rabeb Mbarek and Hawete Hattab