

SoICT 2017

The eighth international Symposium
on Information and Communication Technology
Nha Trang, December 7-8, 2017

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IMPORTANT DATES

> **SUBMISSION DEADLINE**

August 31, 2017

→ September

15, 2017

> **AUTHOR**

NOTIFICATION

October 22, 2017

> **CAMERA-READY**

SUBMISSION

October 30, 2017

> **CONFERENCE DATES**

December 7-8, 2017

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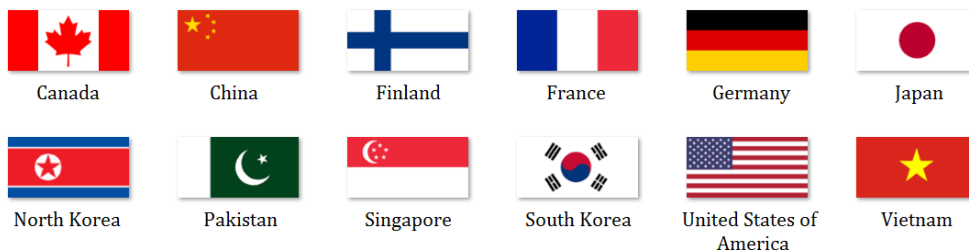
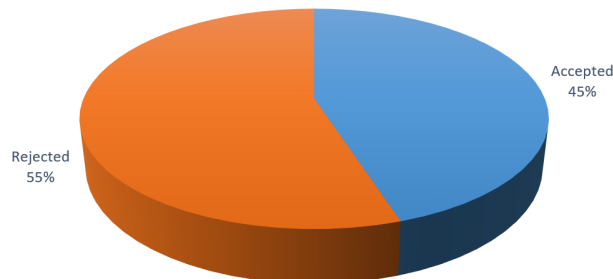
Scuba diving in Nha Trang



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List of Accepted Papers

Accepted: 45%



- Hai Anh Tran, Quang Duc Tran, Linh Giang Nguyen, Abdelhamid Mellouk, Hieu Mac and Van Tong.**
A novel SDN controller based on Ontology and Global Optimization for heterogeneous IoT architecture
- Duc Anh Nguyen and Ngoc Hung Pham.**
A Test Data Generation Method for C/C++ Projects
- Truong Cao Duy and Duong Tuan Anh.**
Discovering Motifs in a Database of Shapes under Rotation Invariant Dynamic Time Warping
- Chi Tran, Tien Dinh and Viviane Gascon.**
Meta-heuristics to solve a districting problem of a public medical clinic
- Tam N. Nguyen and Ngoc Q. Ly.**
Abnormal Activity Detection based on Dense Spatial-Temporal Features and Improved One-Class Learning



6. Giao Bui Cong and Anh Duong Tuan.

An Application of Similarity Search in Streaming Time Series under DTW: Online Forecasting

7. Hai Vu, Anh Tuan Pham, Van Giap Nguyen and Thanh-Hai Tran.

Pedestrian Localization and Trajectory Reconstruction in a Surveillance Camera Network

8. Khue Doan, Minh Nguyen Quang and Bac Le.

Applied cuckoo algorithm for association rule hiding problem

9. Quang Tran Minh, Trong Nhan Phan, Akihiko Takahashi, Tam Thai Thanh, Son Nguyen Duy, Mong Nguyen Thanh and Chau Nguyen Hong.

A Cost-effective Smart Farming System with Knowledge Base

10. RYOSUKE MIURA, YUUKI TAKANO, SHINSUKE MIWA and TOMOYA INOUE.

GINTATE: Scalable and Extensible Deep Packet Inspection System for Encrypted Network Traffic

11. Quang Tran Minh, Thanh Nguyen Chi and Michel Toulouse.

Toward a Crowdsourcing-Based Urban Flood Mitigation Platform

12. Thuc Nguyen Trac and Phuc Do.

Managing and visualizing citation network using graph database and LDA model

13. Phol Le Van, Binh Nguyen Thanh and Ioannis Parisis.

Mutants Generation For Testing Lustre Programs

14. Minh Hoa Nguyen, Tung Long Vuong, Thanh Ha Le, Thi Thuy Nguyen, Do Van Nguyen and Dinh Nam Nguyen.

Moving object detection in compressed domain for high resolution videos

15. Canh Pham Van, Manh Hoang Dinh, Dinh Hoa Nguyen, Thi Huyen Dang and Xuan Huan Hoang.

Limiting the Spread of Epidemics within Time Constraint on Online Social Networks

16. Vinh Van, Thien Thai and Quoc-Minh Nghiem.

Combining Convolution and Recursive Neural Networks for Sentiment Analysis

17. Tran Phuong and Tho Le.

Efficient Secure Text Retrieval on Multi-Keyword Search

18. Van-Quyet Nguyen and Kyungbaek Kim.

Estimating the Evaluation Cost of Regular Path Queries on Large Graphs

19. Van Tung Pham, Haihua Xu, Xiong Xiao, Nancy Chen and Eng-Siong Chng.

Pruning strategies for partial search in spoken term detection

20. Van Ho and Ioanis Nikolaidis.

A Network Coding Based Improvement To The Schedule Template Construction Technique

21. Trí Nguyễn Hồ Duy, Thức Nguyễn Trác and Phúc Đỗ.

Creating prior-knowledge of Source-LDA for topic discovery in citation network

22. Hieu Mac, Duc Tran, Van Tong, Linh Giang Nguyen and Hai Anh Tran.

DGA Botnet Detection Using Supervised Learning Methods

23. Van-Hau Nguyen.

SAT Encodings of Finite-CSP Domains: A Survey

24. Thuy Le Thi, Tho Quan Thanh and Tuoi Phan Thi.

Ontology-Based Entity Coreference Resolution For Sentiment Analysis

25. Sanggon Lee.

Non-connection Wireless IoT network control system using WiFi and Bluetooth Beacon

26. Viet-Vu Vu and Hong-Quan Do.

Graph based Clustering with background knowledge

27. Diem Truong, Duc-Thuan Vo and Trang Uyen Nguyen.

Vietnamese Open Information Extraction

28. Ning Pang, Fengjing Yin, Xiaoyu Zhang and Xiang Zhao.

A Robust Approach for Multivariate Time Series Forecasting

29. Tran Manh Thang and Nguyen Khanh Van.

FDDA: A Framework For Fast Detecting Source Attack In Web Application DDoS Attack

30. Phung Van Duy, Hoang Minh Tu and Nguyen Tuan Anh.

DTA Hunter System: A new statistic-based framework of predicting future demand for taxi drivers

31. Ly Vu, Cong Thanh Bui and Quang Uy Nguyen.

A Deep Learning Based Method for Handling Imbalanced Problem in Network Traffic Classification

32. Quang-Hung Nguyen, Nam Thoai and Anhtu Ngoc Tran.

Implementing Genetic Algorithm Accelerated By Intel Xeon Phi

33. Dang Tuan Nguyen and Trung Tran.

Phrasal Graph-based Method for Abstractive Vietnamese Paragraph Compression

34. Najlah Gali, Radu Marinescu-Istodor and Pasi Franti.

Functional Classification of Websites

35. Muhammad Mustafa Hassan.

Participatory Consensual Assessment Technique End-Users Assessing Outcomes of Participatory Design

36. H. Chau Le, Thanh-Long Mai and The Ngoc Dang.

Spectrum Utilization of Coarse Granular Routing Elastic Optical Network

37. Takahide Matsunaga, Ryouta Yagi, Kenichi Takahashi, Takao Kawamura and Kazunori Sugahara.

Entrusting a Responsibility of Personal Information Management to Users from a Service Provider

38. Ngo Xuan Bach, Le Cong Linh and Tu Minh Phuong.

Cross-Domain Intention Detection in Discussion Forums

39. Nguyen Ngoc Khai and Hoang Truong.

A Compositional Type Systems for Finding Log Memory Bounds of Transactional Programs