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Part I Conference Schedule

Friday, November 16th, 2018

Time	Activity	Location
08:30-19:00	Registration	Lobby of Tawana Bangkok Hotel¹

Notes: 1. Please inform us your paper ID when you register.

2. Please take Name Badge for the Venue and Visit Card for Local Visiting.

Saturday Morning, November 17th, 2018

Time	Activity	Location: Bon Vivant (Level 2)
08:30-08:45	Opening Ceremony (Chaired by Prof. Sheng-Lung Peng) Opening Address by Dr. Chetneti Srisa-an, Rangsit University, Thailand	
08:45-09:25	Keynote Speech 1: Searching for Patterns in Real-world Data: From Problem Understanding to Validation Speaker: Dr. A. Fazel Famili, University of Ottawa, Canada	
09:25-10:05	Keynote Speech 2: On the Maximally Balanced Connected Partition of Graphs Speaker: Prof. Sheng-Lung Peng, National Dong Hwa University, Taiwan	
10:05-10:25	Pose for a Group Photo and Coffee Break	
10:25-11:05	Keynote Speech 3: Leonhard Euler, Christian Goldbach and the Zeta Function Speaker: Prof. Hari Mohan Srivastava, University of Victoria, Canada.	
11:05-12:00	Poster Session	

Saturday Afternoon, November 17th, 2018

Time	Activity	Location
12:00-13:00	Buffet Lunch	Tawana Restaurant (Lobby Level)
13:00-17:00	Oral Session 1: Interdisciplinary Field of Fuzzy Logic and Data Mining	Bon Vivant (Level 2)
18:00-19:30	Thai Buffet Dinner	Crystal Room (Level 2)

¹ Tawana Bangkok Hotel (Address: 80 Surawongse Road, Bangkok 10500, Thailand)

Sunday, November 18th, 2018

Time	Activity	Location
08:00-12:00	Oral Session 2: Fuzzy Theory and System	Murano Room (Level 2)
08:00-12:00	Oral Session 3: Machine Learning	Stuart Room (Level 2)
12:00-13:00	Buffet Lunch	Tawana Restaurant (Lobby Level)
13:00-17:00	Session 4: Fuzzy Algorithm and Application	Murano Room (Level 2)
13:00-17:00	Session 5: Data Mining	Stuart Room (Level 2)
18:00-18:10	Closing Speech	Bon Vivant (Level 2)
18:10-18:30	Best Oral Presentations Awarding Presented by: Dr. Chetneti Srisa-an, Rangsit University Dr. Suttisak Jantavongso, Rangsit University	
18:30-20:00	Welcome Banquet	

Monday, Nov. 19th, 2018

Time	Local Visiting
08:00	Gathering at Lobby of Tawana Bangkok Hotel
08:30	Departure to The Ancient City (Muang Boran in Thai)
09:30-17:00	The Ancient City (Muang Boran in Thai)
12:00-13:00	Lunch
17:00	Leave the Ancient City and back to Tawana Bangkok Hotel

Part II Invited Keynote Speeches

Keynote Speech 1: Searching for Patterns in Real-world Data: From Problem Understanding to Validation

Speaker: Dr. A. Fazel Famili, Data Scientist and Data Analytics Consultant, University of Ottawa, Canada

Bio: Dr. A. Fazel Famili is a Data Scientist and a Data Analytics Consultant working in various domains such as Engineering and Life Sciences. He worked as a Research Scientist and Group Leader at the National Research Council of Canada in Ottawa, Canada from 1984-2015. Prior to joining NRC, he worked in industry for 3 years. His interests include data mining, pattern recognition, machine learning, bioinformatics, and knowledge discovery from on-line or historical data. He has lectured in a number of Research Institutes in Canada, Europe, Far East, South Africa and South/Central America. Dr. Famili is founding Editor-in-Chief of the IDA Journal (Intelligent Data Analysis, a refereed scientific journal, established in 1996), published bi-monthly. He is also affiliated with the University of Ottawa, Canada. He has edited two books, published over 50 articles in data mining and Artificial Intelligence and has a US data mining patent.



Abstract of the speech: Our advancements and achievements in information science and technology over the last 10-20 years, have been the prime motivation for various industries to accumulate huge amounts of data from all levels of their operation. This has resulted in creating large databases for which much of the useful insights are sometimes hidden and untapped. Many attempts have been made in the last 10-20 years to apply systematic methodologies in order to build knowledge discovery and management applications. However, establishing and managing a real-world data mining project is not a trivial task. This is simply due to the fact that majority of industries (such as engineering and life sciences, etc.) have gone through an evolving paradigm where data collection, problem understanding and validation of discovered patterns have become more complex.

Today's knowledge discovery and pattern recognition from data can be classified in several ways: (i) data mining on engineered systems (e.g. complex equipment) or systems designed by nature (e.g. life sciences), (ii) explanatory or predictive data mining, (iii) data mining from static data (e.g. data warehouse) or dynamic data (e.g. data streams). In this talk, we will first provide a brief overview of data in the real world and explain some of the challenges that knowledge discovery projects have encountered. We will then present two case studies (an engineering and a medical application) that cover certain aspects of knowledge discovery process and how fuzzy systems can play a key role in the entire data mining paradigm. Actual scientific and business examples presented in this talk will illustrate proven case studies designed, implemented and evaluated by domain experts. We also demonstrate how our case studies can lead to real-world applications and even tools that could be deployed for better management of data from today's data rich environments.

Keynote Speech 2: On the Maximally Balanced Connected Partition of Graphs

Speaker: Prof. Sheng-Lung Peng, Department of Computer Science and Information Engineering, National Dong Hwa University, Hualien, Taiwan

Bio: Sheng-Lung Peng is a full Professor of the Department of Computer Science and Information Engineering at National Dong Hwa University, Taiwan. He received the BS degree in Mathematics from National Tsing Hua University, and the MS and PhD degrees in Computer Science and Information Engineering from the National Chung Cheng University and National Tsing Hua University, Taiwan, respectively. His research interests are in designing and analyzing algorithms for Bioinformatics, Combinatorics, Data Mining, and Networks. Dr. Peng has edited several special issues for journals, such as *Soft Computing*, *Journal of Internet Technology*, *Journal of Computers and MDPI Algorithms*. He is also a reviewer for many journals such as *IEEE Transactions on Emerging Topics in Computing*, *Theoretical Computer Science*, *Journal of Computer and System Sciences*, *Journal of Combinatorial Optimization*, *Journal of Modelling in Management*, *Soft Computing*, *Information Processing Letters*, *Discrete Mathematics*, *Discrete Applied Mathematics*, *Discussiones Mathematicae Graph Theory*, and so on. He published more than 100 international conferences and journal papers. Dr. Peng is now the Dean of the Library and Information Services Office of NDHU, an honorary Professor of Beijing Information Science and Technology University of China, and a visiting Professor of Ningxia Institute of Science and Technology of China. He is a director of Institute of Information and Computing Machinery (IICM), and of Taiwan Association of Cloud Computing (TACC) in Taiwan. He is also a supervisor of Chinese Information Literacy Association, of Association of Algorithms and Computation Theory (AACT), and of Interlibrary Cooperation Association in Taiwan.



Abstract of the speech: Partitioning, related to clustering, is a classical topic in data mining. With the emerging of social networks, big data, and cloud computing, graph partitioning becomes an important research topic. A well-studied problem is defined as follows. Given a graph $G = (V, E)$ and a positive k , the balanced k -partition problem on G is to partition V into k subsets V_1, \dots, V_k such that every $|V_i|$ is near n/k and the number of edges adjacent to different V_i is as small as possible. A trivial application is for cloud storage and load balancing while considering graph data. A variant of balanced k -partition problem is called the maximally balanced connected partition problem. In this variant, for each induced subgraph $G[V_i]$ has to be connected. The objective is to maximize the minimum number in $\{|V_1|, |V_2|, \dots, |V_k|\}$. It has been shown that many applications such as image processing, data bases, operating systems, and cluster analysis are related to this kind of graph partition problem. This work has also been studied for a long time. However, most results are in theoretical interest. Recently, a more theoretical extension called k -realizable problem was proposed. It asks whether V can be partitioned into k subsets V_1, \dots, V_k such that each $G[V_i]$ is connected and $|V_i| = n_i$ for a given n_i with the constraint that $\sum n_i = |V|$. This extension is not only a theoretical interest but also a practical interest in the subject of resource sharing. In this talk, we will address these partition problems but will focus on the maximally balanced connected partition problem on graphs, in particular on grid graphs. Two directions will be involved in the presentation, namely, algorithmic aspects and experimental studies for the problem.

Keynote Speech 3: Leonhard Euler, Christian Goldbach and the Zeta Function

Speaker: Prof. Hari Mohan Srivastava, Department of Mathematics and Statistics University of Victoria, Canada

Bio: Hari Mohan Srivastava has held the position of Professor Emeritus in the Department of Mathematics and Statistics at the University of Victoria in Canada since 2006, having joined the faculty there in 1969, first as an Associate Professor (1969–1974) and then as a Full Professor (1974– 2006). He began his university-level teaching career right after having received his M.Sc. degree in 1959 at the age of 19 years from the University of Allahabad in India. He earned his Ph.D. degree in 1965 while he was a full-time member of the teaching faculty at the J. N. V. University of Jodhpur in India. He has held numerous visiting research and honorary chair positions at many universities and research institutes in different parts of the world. Having received several D.Sc. (honoris causa) degrees as well as honorary memberships and honorary fellowships of many scientific academies and learned societies around the world, he is also actively associated editorially with numerous international scientific research journals. His current research interests include several areas of Pure and Applied Mathematical Sciences such as (for example) Real and Complex Analysis, Fractional Calculus and Its Applications, Integral Equations and Transforms, Higher Transcendental Functions and Their Applications, q-Series and q-Polynomials, Analytic Number Theory, Analytic and Geometric Inequalities, Probability and Statistics, and Inventory Modelling and Optimization. He has published 27 books, monographs and edited volumes, 30 book (and encyclopedia) chapters, 45 papers in international conference proceedings, and more than 1,100 scientific research articles in peer-reviewed international journals, as well as Forewords and Prefaces to many books and journals, and so on. The interested reader should look into the following regularly-updated Web Site: URL: <http://www.math.uvic.ca/faculty/harimsri/>



Abstract of the speech: The main object of this lecture is to present an overview of some recent developments involving the Riemann Zeta function $\zeta(s)$, the Hurwitz (or generalized) Zeta function $\zeta(s,a)$, and the Hurwitz-Lerch Zeta function $\Phi(z,s,a)$, which have their roots in the works of the great eighteenth-century Swiss mathematician, Leonhard Euler (1707-1783) and the Russian mathematician, Christian Goldbach (1690-1764). We aim at considering the problems associated with the evaluations and representations of $\zeta(s)$ when $s \in \mathbb{N} \setminus \{1\}$, \mathbb{N} being the set of natural numbers, with emphasis upon several interesting classes of rapidly convergent series representations for $\zeta(2n+1)$ ($n \in \mathbb{N}$). Symbolic and numerical computations using Mathematica (Version 4.0) for Linux will also be provided for supporting their computational usefulness.

Part III Poster Session

Poster Presentation

Materials Provided by the Conference Organizer:

- X Racks & Base Fabric Canvases (60cm×160cm, see the figure below)
- Adhesive Tapes or Clamps

Materials Provided by the Presenters:

- Home-made Posters

Requirement for the Posters:

- Material: not limited, can be posted on the Canvases
- Size: 60cm×160cm
- Content: Please make sure the poster presentation can be clear and easy to be understood, explanation with figure is good
- Four corners: Please make four holes in the four side of the poster, which will make it easy to be displayed



Requirement for the Presenters:

- Stand beside his/her Poster through the Session, and discuss with the readers about his/her paper

Time and Location:

Nov. 17, 11: 05-12:00, Bon Vivont (Level 2)

Paper ID	Paper Title	Author
FSDM2619	Solving Unequal-Area Facility Layout Problems using an Evolutionary Algorithm	Kuan Yew Wong
FSDM2851	Using Signal Processing Model to Evaluate the Impact of Seesaw Games	Punyawee Anunpattana
FSDM2791	GPS location Data Clustering Technique Combining a novel Niche Genetic Algorithm with Hybrid K-Means	Hongjiang Ma
FSDM2729	Quantitative Assessments of Haze Research Based on Co-citation Networks	Yujun Li
FSDM2810	New Approach of Mapping Spatial Distribution for Urban Street Dust	Kiwon Yeom
FSDM2869	A New Mobile Real-time Localization System (RTLS) for a Following Robot Application	Syamsul Rizal
FSDM2733	Di-Ideals In Di-Semigroups	Shafaq Naz
FSDM2700	Machine Learning Analysis and Agent-Based Modelling of Malaria Transmission	Yang Lan

FSDM2807	Enhanced HDR Image Synthesis Using Local Luminance and Activity-adaptive Multi-layer Tone Combination	Tae-Kyu Kim
FSDM2808	CAM-based HDR Color and Tone Reproduction for Enhanced Stereoscopic Display Viewing	Inho Song

Part IV Oral Sessions

Devices Provided by the Conference Organizer:

- Laptops (with MS-Office & Adobe Reader)
- Projectors & Screen
- Laser Sticks
 - Microphones.

Materials Provided by the Oral Presenters:

- PowerPoint (Note: Please show your paper ID as FSDM**** in the last page).

Duration of each Presentation:

- Regular Oral Presentation: 10 Minutes of Presentation, 5 Minutes of Q&A
- Invited Speech: 15 Minutes of Presentation, 5 Minutes of Q&A

Awarding for the Oral Presentation:

- We will hold a voting for the oral presentation, participants will get a vote to select the best 1-2 oral presentations in each session.
- Each session chair has 3 votes for the best oral presentations.
- Top elected presenters will each be awarded with a free ticket to the next conference FSDM2019.

Note:

- All speakers need to tell the Session Chair (before the start of your session) that you are present.
- Best Oral Presentation: All the attendees in this session should submit the questionnaires to the session chair, and the prize will be awarded at the Welcome Banquet.

Oral Session_1: Interdisciplinary Field of Fuzzy Logic and Data Mining

Time: 13:00-17:00, Nov. 17

Location: Bon Vivont (Level 2)

Session Chair: Gianni Betti, Professor, University of Siena, Italy

Paper ID	Time	Speech Title	Speaker
FSDM2595	13:00-13:20	Social and Health Care Services: How to Define it as an Optimization Problem?	Pasi Fränti
FSDM2852	13:20-13:40	Fuzzy Measures of Graduates' Educational Mismatch	Gianni Betti
FSDM2747	13:40-14:00	The Contemporary Perspective of Tacit Knowledge notion: Constructing a Conceptual Framework	Salem Humaidan
FSDM2761	14:00-14:20	Adaptive Field Diagnosis for Reducing Computing Time	Yoshinobu Higami
FSDM2386	14:20-14:40	Entropy-based Term Weighting Schemes and its Applications	Yi Cai
FSDM2629	14:40-14:55	Evidentiality, Metadiscourse, and Reporting Verbs in IMRD Sections of 250 Medical Research Articles	Richard Davis
14:55-15:10		Coffee Break	
FSDM2779	15:10-15:25	Improving the Perception of Chemistry in Higher Education Programs through Many-Valued Empirical Machines	Henrique Vicente
FSDM2673	15:25-15:40	Employing Fuzzy AHP to Determine Relevance of Criteria Constituting the Quality of Social Web Applications	Tihomir Orehovački
FSDM2691	15:40-15:55	A Data Collection and Prediction Methodology for Manufacturing Process: A Case Study in Food Industry	Yang Lan
FSDM2751	15:55-16:10	An Algorithm of Scanning Detection for Change-points in Regressive Trend-coefficients and Applying to Monthly Temperature Series of Global Land and Ocean for 1850-2017	Jianmin Jiang
FSDM2689	16:25-16:40	The Role of Targeted Advertising with Vertical Differentiation on Direct Sales Channel Versus Distribution Channel	Jiang Zhao
FSDM2784	16:40-16:55	Local Radial Basis Functions Method for Solving Non-local Problems	Benny Hon
16:55-17:00		Best Oral Calculation and Announcement	Session Chair

Oral Session_2: Fuzzy Theory and System

Time: 08:00-12:00, Nov. 18

Location: Murano Room (Level 2)

Session Chair: Sung-Ho Kim, Professor, Korea Advanced Institute of Science and Technology (KAIST), South Korea

Paper ID	Time	Speech Title	Speaker
FSDM2731	08:00-08:20	A Note on Effect of Dimension Reduction on ANN	Sung-Ho Kim
FSDM2657	08:20-08:35	An Efficient Basis Pursuit DeNoising via Active Sets and Homotopy	David Stewart
FSDM2571	08:35-08:55	Foundations of Hierarchical Model Checking: Logics, Translations, and Examples	Norihiro Kamide
FSDM2623	08:55-09:15	A New Formula and New Constants Hidden after the Euler's Formula and the Euler's Constant	Chen Sheng
FSDM2610	09:15-09:35	Implicational Tonoid Fuzzy Logics	Eunsuk Yang
FSDM2757	09:35-09:50	On an Application of Fuzzy Logic for Radar ATR of Maritime Targets	Nguyen Van Loi
FSDM2552	09:50-10:10	A Multi-stage Conflict Style Large Group Emergency Decision-making Method	Xuanhua Xu
10:10-10:25		Coffee Break	
FSDM2809	10:25-10:40	Fuzzy-logic Controller Based Multi-port DC-DC Converter for Photo-Voltaic Power System	Cheng Siong Chin
FSDM2589	10:40-10:55	Jumping Fuzzy Finite Automata and Their Languages	Pavel Martinek
FSDM2620	10:55-11:10	Quantifying Cup-to-Disk Ratio Analogy through k-means for Glaucoma Screening	Shiny Priyadarshini
FSDM2688	11:10-11:25	Applications of Fuzzy Logic in Food Product Quality Control: A review	G.Annapoorani
FSDM2580	11:25-11:40	Fuzzimetric Sets: An Integrated Platform for Both Types of Interval Fuzzy Sets	Issam Kouatli
FSDM2782	11:40-11:55	A New RNS Approach for Fast Point Multiplication on Elliptic Curves over F_p	Tao Wu
11:55-12:00		Best Oral Calculation and Announcement	Session Chair

Oral Session_3: Machine Learning

Time: 08:00-12:00, Nov. 18

Location: Stuart Room (Level 2)

Session Chair: Dr. Yang Lan, University of Bradford, UK.

Paper ID	Time	Speech Title	Speaker
FSDM2535	08:00-08:20	A New Parallel FRBCS Model based on WM and PSO Algorithms	Jin Gou
FSDM2866	08:20-08:35	Discriminative Feature Learning Utilizing A Force-based Cost Function	Sang C. Lee
FSDM2530	08:35-08:55	Predicting Traffic Congestion using Driver Behavior	Toshio Ito
FSDM2801	08:55-09:10	Study on Indoor Location Tracking with Two Kinds of BLE Beacons	Hiroyuki Morita
FSDM2677	09:10-09:25	Therapeutic Behavior of Robot for Treating Autistic Child using Artificial Neural Network	Bo-Hee Lee
FSDM2692	09:25-09:45	Multiple Birth Support Vector Machine with Triplet Loss Function	Shifei Ding
09:45-10:00		Coffee Break	
FSDM2804	10:10-10:15	Performance Evaluation of Deep Learning Stock Price by Chart Type for Buying Policy Verification	Yoojeong Song
FSDM2666	10:15-10:30	Multimodal Sentiment Analysis based on Feature Selection and Recurrent Neural Network	Zheng Xiao
FSDM2805	10:30-10:45	Relationship Between Weight Correlation of the Convolution Kernels and the Optimal Architecture of CNN	Qi Wang
FSDM2686	10:45-11:00	Clustering of Transcriptomic Data for Identification of Cancer Subtypes	Donghui Yan
FSDM2595	11:15-11:35	Mean-shift Outlier Detection	Pasi Fränti
FSDM2771	11:35-11:55	User Identification across Social Networks: A Network Structure Perspective	Xiaoping Zhou
11:55-12:00		Best Oral Calculation and Announcement	Session Chair

Oral Session_4: Fuzzy Algorithm and Application

Time: 13:00-17:00, Nov. 18

Location: Murano Room (Level 2)

Session Chair: Maurizio Marchese, Associate Professor, University of Trento, Italy

Paper ID	Time	Speech Title	Speaker
FSDM2690	13:00-13:25	An Evaluation Framework for Groups' Clustering Algorithms in Social Networks	Maurizio Marchese
FSDM2602	13:25-13:45	Living Safety for Diversity in the Era of IoT and Artificial Intelligence	Yoshifumi Nishida
FSDM2205	13:45-14:05	Robust Clustering Algorithms by Detecting Density Peaks and Assigning Points based on K-nearest Neighbors and Fuzzy Weighted K-nearest Neighbors	Xie Juanying
FSDM2576	14:05-14:25	Improved Wolf Pack Algorithm for Solving Traveling Salesman Problem	Zhang Lanyong
FSDM2593	14:25-14:45	On Search Spaces of Fractal Nature	Leszek Kaliciak
FSDM2642	14:45-15:00	TCF-SAE Algorithm for m-Sequence Recognition	Qiang Fangfang
15:00-15:25		Coffee Break	
FSDM2572	15:25-15:40	System Safety Analysis of an Industrial Process Using Fuzzy Methodology	Tony Venditti
FSDM2551	15:40-15:55	Selection of Used Piston for Remanufacturing Using Fuzzy TOPSIS Optimization	U.Ragavendran
FSDM2775	15:55-16:10	Artificial Fish-swarm Algorithm with Virtual Stream and its Application	Ke Zhang
FSDM2802	16:10-16:25	A Fast and Robust Grid-based Clustering Method for Dataset with Arbitrary Shapes	Lei Wang
FSDM2780	16:25-16:40	The Performance of Weak Underwater Acoustic Signal Detection Based on Passive Time Reversal and Stochastic Resonance	Liu Lei
FSDM2618	16:40-16:55	A Heuristic Algorithm to Eliminate Edges for TSP	Wang Yong
16:55-17:00		Best Oral Calculation and Announcement	Session Chair

Oral Session_5: Data Mining

Time: 13:00-17:00, Nov. 18

Location: Stuart Room (Level 2)

Session Chair: Peng Yan, Professor, Capital Normal University, China

Paper ID	Time	Speech Title	Speaker
FSDM2650	13:00-13:20	Web Mining on Political Homophily in the Congressional Twitter Community	Shieu-Hong Lin
FSDM2547	13:20-13:40	Automatic Generation of Interactive Time-series cross-section Table to Analyze and Visualize for Moodle Learning Log	Konomu Dobashi
FSDM2585	13:40-13:55	Regression-based Estimation of Covariance Matrix of Stock Returns	Saejoon Kim
FSDM2565	13:55-14:10	An O2O E-Commerce Acceptance Model in Local Life Service	Peng Yan
FSDM2696	14:10-14:25	TNLCD: A Feasible Algorithm for Local Community Discovery in Temporal Networks	Wang Dongqi
FSDM2587	14:25-14:45	Elucidation of the Backbone Structure of Cross-market Dependency Network of World Market Indices: A Global Threshold Filtering	T. Radha Ramanan
14:45-15:00		Coffee Break	
FSDM2856	15:00-15:15	Optimization and Evaluation of Check Sheet for Programming Class by Educational Data Mining	Shinichi Oeda
FSDM2803	15:15-15:30	Word Topic Prediction Model Using a Topic Model	Ayahiko Niimi
FSDM2710	15:30-15:45	Design of Field Station System Based on Internet of Things	Dong Limei
FSDM2525	15:45-16:00	Applying Statistical Modeling to Predict Basketball Winning Percentage	Alan Yao
FSDM2783	16:00-16:15	Dynamic Soft Sensor Based on Impulse Response Template and Deep Neural Network for Industrial Processes	Liu Lei
FSDM2719	16:15-16:30	Patent Domain Terminology Extraction Based on Multi-feature Fusion and BiLSTM-CRF Model	LYU Xiangru
FSDM2799	16:30-16:45	A Bidirectional Deep Manifold Model for Image Representation	Yang Shangming
16:45-17:00		Best Oral Calculation and Announcement	Session Chair

Part V Conference Venue

1. Introduction to Conference Venue

The **Tawana Bangkok Hotel** stands prominently on bustling Surawongse Road right in the heart of Bangkok, providing the highest standards of comfort and service to satisfy the needs of every guest, which is a perfect address for both business and leisure travelers.

The hotel is well served for travel within the city by two Expressways and is a short walk to Saladaeng Skytrain Station and Sam Yan M.R.T Station. It is only 3 stations to the Queen Sirikit Convention Centre by M.R.T or approximately 10-20 minutes' drive. Nearby shopping and sightseeing attractions include Jim Thompson Thai Silk Shop, Patpong Night Bazaar, Thaniya (Japanese Entertainment), Naraya Thai Fabric Gifts Shop, Robinson Department Store, Central Department Store, Mahboonkrong (MBK) Shopping Centre, Central World Plaza, Snake Farm, Lumpini Park, Thai Boxing Stadium, Palaces and the Riverside.



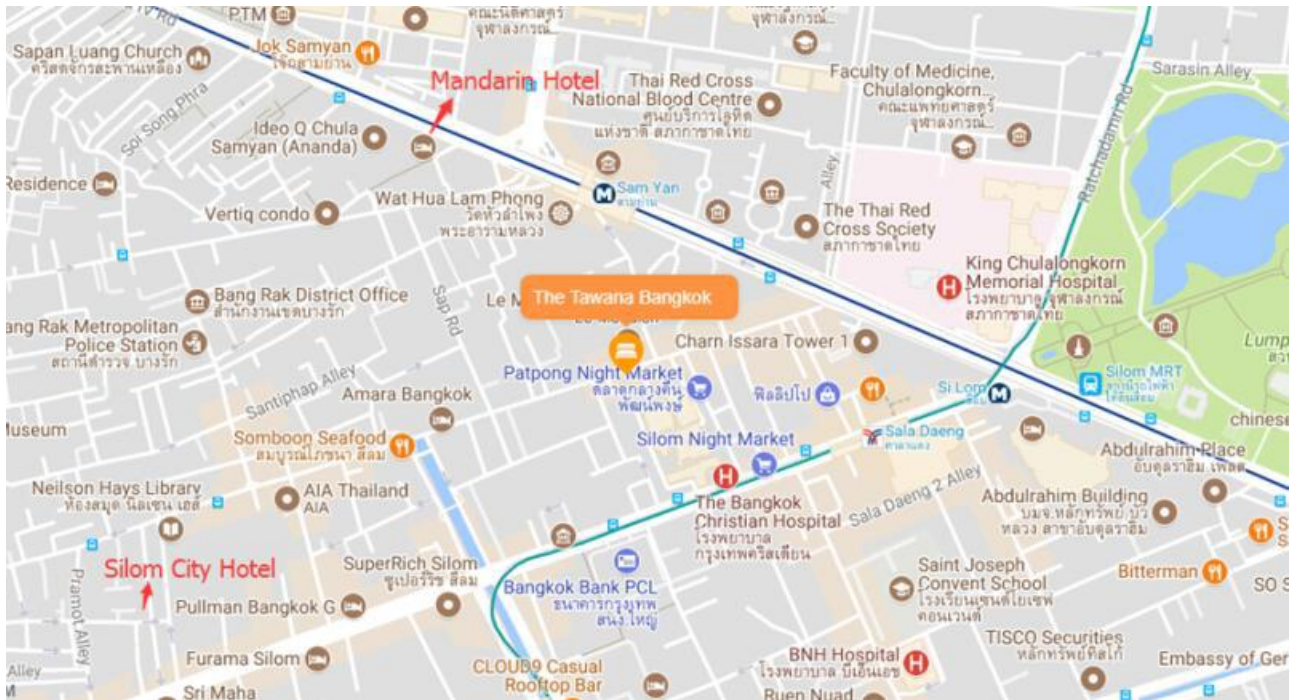
Address: 80 Surawongse Road, Bangkok 10500, Thailand

Tel : (66)2 236 0361 Fax : (66)2 236 3738

Homepage: <http://www.tawanabangkok.com>

E-mail: info@tawanabangkok.com

2. Location and Traffic



The Tawana Bangkok is 300 metres from Silom MRT Subway Station and Sala Daeng BTS Skytrain Station. Suvarnabhumi International Airport (BBK) is a 35-minute drive away.

One can get to the Tawana Bangkok with following ways:

- a. Take BTS (Bangkok Transit System) to BTS Sala Daeng Station. Tawana Hotel is 10 mins' walk from BTS Sala Daeng Station.
- b. Take MRT (Mass Rapid Transit) to MRT Sam Yan Station. Tawana Hotel is 8 mins' walk from MRT Sam Yan Station.

Part VI Local Visiting

Tips

- 1) Tourists' information is required during registration. Accident Insurance is provided by Travel Agent.
- 2) Please show Visit Card when get on the bus. Please take care of your Visit Card as it is the only access to the tour.
- 3) Please follow the arrangement of the guide. Tourists are not allowed to leave team without permission.
- 4) For emergency, please contact Miss Cindy Shen via this Tel: +86-18040526485.

Schedule

08:00 Gathering at Lobby of Tawana Bangkok Hotel

08:30 Departure to The Ancient City

09:30-17:00 Visit The Ancient City

12:00-13:00 Lunch

17:00 Leave The Ancient City and back to Tawana Bangkok Hotel

The Ancient City

The Ancient City (Muang Boran in Thai), dubbed as the world's largest outdoor museum, is located close to the Crocodile Farm in Bangpoo, Samut Prakan province, about 33 km southeast of central Bangkok. Ancient City spreads over 200 acres (0.81 km²) in the shape of Thailand. It was constructed in 1963 under the patronage of Lek Viriyaphant (1914 - 2000), who was also responsible for the Sanctuary of Truth in Pattaya and the Erawan Museum in Samut Prakan. He had a passion on preserving the country's cultural heritage, history and art.

The 320-hectare 'city' features 116 structures of Thailand's famous monuments and architectural attractions. The grounds of Ancient City correspond roughly to the shape of the Kingdom, with the monuments lying at their correct places geographically. Some of the buildings are life-size replicas of existing or former sites, while others are scaled down. The replicas were constructed with the assistance of experts from the National Museum to ensure historical accuracy. Outstanding works include the former Grand Palace of Ayutthaya (destroyed in the Burmese invasion of 1767), Phimai Sanctuary in Nakhon Ratchasima, and Wat Khao Phra Viharn on the Cambodian border.

The Ancient City is like an open book of history and an open door to the real Thailand. Here you will find numerous reproductions of palace halls, temples, stupas, stone sanctuaries and traditional houses. You can also visit several reconstructed historical buildings, authenticated communities with their inhabitants doing their daily chores and sample villages from all regions of the country.

All participants have a free day in the Ancient City after entrance. You could visit the spots you are interested.



INVITATION LETTER

The 5th International Conference on Fuzzy Systems and Data Mining



FSDM2019

October 18-21, 2019

Kitakyushu, Japan



www.fsdmconf.org