

CSBio 2017 TECHNICAL PROGRAM

Thursday, 7th December 2017

8:00	REGISTRATION Venue: Yersin Ballroom
8:30	CONFERENCE OPENING Venue: Yersin Ballroom
9:00	SoICT KEYNOTE I - Yersin Ballroom Chair: Ichiro Ide - Nagoya University, Japan <i>Invited speaker: Prof. Chong-Wah Ngo (City University of Hong Kong, Hong Kong)</i> Deep Learning for Food Recognition
9:45	SoICT & CSBio KEYNOTE II - Yersin Ballroom Chair: Marc Bui - Laboratoire CHArt, EPHE - Sorbonne, France <i>Invited speaker: Prof. Chee Keong Kwoh (NTU, Singapore)</i> AI and Big Data Analytics for Health and Bioinformatics
10:30	GROUP PHOTO
10:35	CSBio POSTER SESSION AND COFFEE BREAK
10:50	CSBio Session 6A - Hon Chong Room Genome & Transcriptome Analysis Chair: Chee Keong Kwoh (Nanyang Technological University, Singapore)
10:50	<i>Juyeon Kim (Konkuk university, South Korea)</i> <i>Daehwan Lee (Konkuk university, South Korea)</i> <i>Mikang Sim (Konkuk university, South Korea)</i> <i>Jongin Lee (Konkuk university, South Korea)</i> <i>Jaebum Kim (Konkuk university, South Korea)</i> The effect of reference species on reference-guided genome assembly
11:10	<i>Sanjay Bankapur (National Institute Of Technology Karnataka, Surathkal)</i> <i>Nagamma Patil (National Institute Of Technology Karnataka, Surathkal)</i> Position-Residue Specific Dynamic Gap Penalty Scoring Strategy for Multiple Sequence Alignment
11:30	<i>Hiromu Ide (Tokyo University of Science, Japan)</i> <i>Masakazu Umezawa (Tokyo University of Science, Japan)</i> <i>Hayato Ohwada (Tokyo University of Science, Japan)</i> Proposal of application method of Inductive Logic Programming to microarray data
11:50	<i>Duc-Hau Le (Water Resources University, Viet Nam), Nguyen Thi Van (Thuyloi Universit, Viet Nam)</i> Meta-analysis of whole-transcriptome data for prediction of novel genes associated with autism spectrum disorder
12:10	LUNCH Feast Restaurant - 1st floor
13:30	CSBio KEYNOTE II - Hon Chong Room Chair: Chee Keong Kwoh (Nanyang Technological University, Singapore) <i>Invited speaker: Nuno Bandeira (University of California San Diego, California)</i> Revealing deep proteome diversity with community-scale proteomics big data
14:15	CSBio Session 8A - Hon Chong Room Drug discovery Chair: Duc-Hau Le (Water Resources University, Viet Nam)
14:15	<i>Pham Truong Duy (Nguyen Tat Thanh University, Vietnam)</i> <i>Nguyen Minh Thanh (Vietnam National University HCM city, Viet Nam)</i> <i>Nguyen Anh Vu (Vietnam National University HCM city, Viet Nam)</i> <i>Ly Le (Vietnam National University HCM city, Viet Nam)</i> A machine learning approach for drug discovery from herbal medicine: Metabolite profiles to Therapeutic effects
14:35	<i>Eva Rahman Kabir (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Mohammad Kawsar Sharif Siam (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Arafat Khan (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Sanam Madihah Kabir (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Samiul Alam Rajib (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> Drug Repurposing: Targeting mToR inhibitors for Anticancer Activity
14:55	<i>Mohammad Kawsar Sharif Siam (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Muhammad Sameer Hossain (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Eva Rahman Kabir (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> <i>Samiul Alam Rajib (Department of Chemistry, Centre for Molecular Informatics, Cambridge)</i> In silico Structure Based Designing of Dihydrofolate Reductase Enzyme Antagonists and Potential Small Molecules That Target DHFR Protein to Inhibit the Folic Acid Biosynthetic
15:15	CSBio POSTER SESSION AND COFFEE BREAK
15:35	CSBio Session 9A - Hon Chong Room Computational Methods Chair: Duc-Hau Le (Water Resources University, Viet Nam)
15:35	<i>Elisabetta De Maria (Laboratoire I3S, France)</i> <i>Cinzia Di Giusto (Université Côte d'Azur, CNRS, I3S, France)</i> <i>Giovanni Ciatto (University of Bologna, Italia)</i> Formal Validation of Neural Networks as Timed Automata
15:55	<i>Phan Duy Hung (FPT University Hanoi, Viet Nam)</i> Estimating respiration rate using an accelerometer sensor

16:15	<p><i>Elisabetta De Maria (Laboratoire I3S, France)</i> <i>Thibaud L'Yvonnet (Laboratoire I3S, France)</i> <i>Daniel Gaffé (Laboratoire I3S, France)</i> <i>Annie Ressouche (Laboratoire I3S, France)</i> <i>Franck Grammont (Laboratoire I3S, France)</i></p> <p>Modelling and Formal Verification of Neuronal Archetypes Coupling</p>
16:35	<p><i>Thuc Duy Le (University of South Australia, Australia)</i> <i>Junpeng Zhang (Dali University)</i> <i>Lin Liu (University of South Australia, Australia)</i> <i>Buu Minh Thanh Truong (Pham Ngoc Thach University of Medicine, Viet Nam)</i> <i>Shu Hu (State Key Laboratory of Information Security, Institute of Information Engineering, Chinese Academy of Sciences)</i> <i>Taosheng Xu (Chinese Academy of Sciences, China)</i> <i>Jiuyong Li (University of South Australia, Australia)</i></p> <p>Identifying microRNA targets in epithelial-mesenchymal transition using joint-intervention causal inference</p>
16:55	<p><i>Takahiro Koiwa (Tokyo University of Science, Japan)</i> <i>Hayato Ohwada (Tokyo University of Science, Japan)</i></p> <p>Extraction of disease-related genes from PubMed paper using word2vec</p>
19:00	<p style="text-align: center;">GALA DINER Venue: Champa Island Resort 304, 2/4 road, Nha Trang Bus Pick-up from Sheraton hotel at 18h30</p>

Saturday, 9th December 2017

8:15	<p style="text-align: center;">CITY TOUR (free) Bus Pick-up from Sheraton Hotel</p>
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HOTLINES:

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