



# Research Symposium Celebrating Centenary of Alan Turing's Birth: Promises and Challenges of Future Computing and Informatics

December 3, 2012, Hong Kong Baptist University (Shiu Pong Hall)

Organized by

Department of Computer Science & Institute of Computational and Theoretical Studies

## Program

Time	Session
8:40-9:00	<b>Reception &amp; Opening</b>
9:00-13:00	<p><b>Invited Talks &amp; Open Discussion</b>  <b>Chair:</b> Jiming Liu</p> <p><b><u>Big Data Challenges (60 min)</u></b></p> <p>Big Data - Perspectives, Problems, and Research Trends  Vijay Raghavan, U. of Louisiana, US</p> <p>Research Issues and Challenges in Brain Informatics  Ning Zhong, Maebashi Inst. of Tech., Japan</p> <p>Contextual Search and Contextual Agents in the Internet of Things  Gabriella Pasi, U. of Milano Bicocca, Italy</p> <p>Large-Scale Surveillance Video Camera Networks  P. C. Yuen, HKBU</p> <p>Recursive and Iterative Clustering in Granular, Hierarchical, Network,  and Temporal Datasets  Pawan Lingras, St. Mary's U., Canada</p> <p>Data Management for Next-Generation Storage Devices  Jianliang Xu, HKBU</p> <p><b>Discussion</b></p> <p><b>Coffee Break (20 min)</b></p> <p><b><u>Socially/Culturally-Aware Computing (50min)</u></b></p> <p>On Modeling Opinion Change  Eugene Santos, Dartmouth College, US</p> <p>Anytime Anywhere Computational Social Systems  Eunice Santos, U. of Texas at El Paso, US</p>

	<p>Super Socialized Society  Ali Ghorbani, U. of New Brunswick, Canada</p> <p>Behavioral Characterization in Human Communication Networks  William Cheung, HKBU</p> <p>Towards Intercultural Communication Design  Toru Ishida, Kyoto U., Japan</p> <p><b>Discussion</b></p> <p><b>Coffee Break (20 min)</b></p> <p><b><u>Computing Paradigms (50 min)</u></b></p> <p>Autonomy-Oriented Computing and Granular Computing  Yiyu Yao, U. of Regina, Canada</p> <p>Individual's Data, Model, and Clone  Jianhua Ma, Hosei U., Japan</p> <p>Computing with Approximations over Massive Data  Dominik Slezak, U. of Warsaw, Poland</p> <p>Game-Theoretic Rough Sets and Multi-Criteria Decision Making  Jing Tao Yao, U. of Regina, Canada</p> <p>Narrowing the Gap between the Machine and the (Power)User  Marcin Szczuka, U. of Warsaw, Poland</p>
13:00-14:40	<b>Lunch</b>
14:40-16:10	<b>Interaction with Graduate Students</b> FSC 9/F, Computer Science Dept. Laboratories, Ho Sin Hang Campus
16:30-18:00	<b>Social Function</b>
18:00-20:00	<b>Dinner</b>