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**ThuPM1-4      Data Mining 2**

Chair: Jianhua Xu

Room: Conference Room III

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13:20 - 13:40 Fast Agglomerative Information Bottleneck based Trajectory Clustering  
Yuejun Guo<sup>1</sup>, Qing Xu<sup>1</sup>, Yang Fan<sup>1</sup>, Sheng Liang<sup>1</sup>, Mateu Sbert<sup>2</sup>  
<sup>1</sup>Tianjin University <sup>2</sup>Universitat de Girona

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13:40 - 14:00 Anomaly Detection using Correctness Matching through a Neighborhood Rough Set  
Pey Yun Goh<sup>1</sup>, Shing Chiang Tan<sup>1</sup>, Wooi Ping Cheah<sup>1</sup>  
<sup>1</sup>Multimedia University

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14:00 - 14:20 Learning Class-informed Semantic Similarity  
Tinghua Wang<sup>1</sup>, Wei Li<sup>1</sup>  
<sup>1</sup>Gannan Normal University

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14:20 - 14:40 Aggregated Temporal Tensor Factorization Model for Point-of-interest Recommendation  
Shenglin Zhao<sup>1</sup>, Michael Lyu<sup>1</sup>, Irwin King<sup>1</sup>  
<sup>1</sup>The Chinese University of Hong Kong

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14:40 - 15:00 Multilevel-Multigroup Analysis by the Hierarchical Tensor SOM Network  
Hideaki Ishibashi<sup>1</sup>, Ryota Shinriki<sup>1</sup>, Hirohisa Isogai<sup>1</sup>, Tetsuo Furukawa<sup>1</sup>  
<sup>1</sup>Kyushu Institute of Technology

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