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**ThuPM2-4      Data Mining 3**

Chair: Jianhua Xu

Room: Conference Room III

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15:20    -    15:40    A Wavelet Deep Belief Network-based Classifier for Medical Images  
Amin Khatami<sup>1</sup>, Abbas Khosravi<sup>1</sup>, Chee Peng Lim<sup>1</sup>, Saeid Nahavandi<sup>1</sup>  
<sup>1</sup>Deakin University

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15:40    -    16:00    Bayesian Neural Networks Based Bootstrap Aggregating for Tropical Cyclone Tracks Prediction in South China Sea  
Lei Zhu<sup>1</sup>, Jin Jian<sup>1</sup>, Alex Cannon<sup>2</sup>, William Hsieh<sup>2</sup>  
<sup>1</sup>East China Normal University    <sup>2</sup>University of British Columbia

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16:00    -    16:20    Credit Card Fraud Detection Using Convolutional Neural Networks  
Kang Fu<sup>1</sup>, Dawei Cheng<sup>1</sup>, Yi Tu<sup>1</sup>, Zhang Liqing<sup>1</sup>  
<sup>1</sup>Shanghai Jiao Tong University

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16:20    -    16:40    An Efficient Data Extraction Framework for Mining Wireless Sensor Networks  
Md. Mamunur Rashid<sup>1</sup>, Iqbal Gondal<sup>2</sup>, Joarder Kamruzzaman<sup>1</sup>  
<sup>1</sup>Monash University    <sup>2</sup>Federation University and Monash University, Australia

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16:40    -    17:00    Incorporating Prior Knowledge Into Context-Aware Recommendation  
Mao Xiaoxi<sup>1</sup>, Zheng Haitao<sup>1</sup>  
<sup>1</sup>Tsinghua University

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