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**ThuPM1-2      Machine Learning 7**

Chair: Toshiyada Mariyama, Hiroaki Sasaki

 Room: International Conference Hall II
 

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Analytical Incremental Learning: Fast Constructive Learning Method for Neural Network  
 Syukron Ishaq Alfarozi<sup>1</sup>, Noor Akhmad Setiawan<sup>2</sup>, Teguh Bharata Adji<sup>2</sup>, Kuntpong Woraratpanya<sup>1</sup>, Kitsuchart Pasupa<sup>1</sup>, Masanori Sugimoto<sup>3</sup>  
 13:20 - 13:40  
<sup>1</sup>Faculty of Information Technology, King Mongkut's Institute of Technology Ladkrabang <sup>2</sup>Department of Electrical Engineering and Information Technology, Universitas Gadjah Mada <sup>3</sup>Hokkaido University

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Acceleration of word2vec using GPUs  
 Seulki Bae<sup>1</sup>, Youngmin Yi<sup>1</sup>  
 13:40 - 14:00  
<sup>1</sup>University of Seoul

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Automatic design of neural network structures using AiS  
 Toshiyada Mariyama<sup>1</sup>, Kunihiko Fukushima<sup>1</sup>, Wataru Matsumoto<sup>1</sup>  
 14:00 - 14:20  
<sup>1</sup>Mitsubishi Electric

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Sequential Collaborative Ranking Using (No-)Click Implicit Feedback  
 Frédéric Guillou<sup>1</sup>, Romaric Gaudel<sup>1</sup>, Philippe Preux<sup>1</sup>  
 14:20 - 14:40  
<sup>1</sup>Inria, Univ. Lille, CNRS, France <sup>2</sup>Univ. Lille, CNRS, Centrale Lille, Inria, UMR 9189 - CRISStAL, Lille, France

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Group Information-based Dimensionality Reduction via Canonical Correlation Analysis  
 Haiping Zhu<sup>1</sup>, Hongming Shan<sup>1</sup>, Youngjoo Lee<sup>2</sup>, Yiwei He<sup>1</sup>, Qi Zhou<sup>1</sup>, Junping Zhang<sup>1</sup>  
 14:40 - 15:00  
<sup>1</sup>Fudan University <sup>2</sup>Samsung Electronics

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