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**TuePM2-4      Machine Learning 3**

Chair: Hideitsu Hino, Seiji Miyoshi

Room: Conference Room III

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15:20 - 15:40      Sampling-based Gradient Regularization for Capturing Long-Term Dependencies in Recurrent Neural Networks

Artem Chernodub<sup>1</sup>, Dimitri Nowicki<sup>1</sup><sup>1</sup>Institute of MMS of NAS of Ukraine

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15:40 - 16:00      FACE HALLUCINATION USING CORRELATIVE RESIDUE COMPENSATION IN A MODIFIED FEATURE SPACE

Javaria Ikram<sup>1</sup>, Yao Lu<sup>1</sup>, Jianwu Li<sup>1</sup>, Hui Nie<sup>1</sup><sup>1</sup>Beijing Institute of Technology

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16:00 - 16:20      Modal Regression via Direct Log-Density Derivative Estimation

Hiroaki Sasaki<sup>1</sup>, Yurina Ono<sup>2</sup>, Masashi Sugiyama<sup>2</sup><sup>1</sup>Nara Institute of Science and Technology    <sup>2</sup>The University of Tokyo

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16:20 - 16:40      Simplicial Nonnegative Matrix Tri-Factorization: Fast Guaranteed Parallel Algorithm

Duy Khuong Nguyen<sup>1</sup>, Dinh Quoc Tran<sup>2</sup>, Tu Bao Ho<sup>3</sup><sup>1</sup>University of Engineering and Technology: VNU    <sup>2</sup>The University of North Carolina at Chapel Hill    <sup>3</sup>JAIST

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16:40 - 17:00      Active Consensus-Based Semi-Supervised Growing Neural Gas

Vinicius Maximo<sup>1</sup>, Mariá Nascimento<sup>1</sup>, Fabricio Breve<sup>2</sup>, Marcos Quiles<sup>1</sup><sup>1</sup>UNIFESP    <sup>2</sup>UNESP

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