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**ThuAM-3 Computational Intelligence 1**

Chair: Tejiro Isokawa, Laizhong Cui

Room: International Conference Hall III

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10:40 - 11:00 Vietnamese POS Tagging for Social Media Text  
Ngo Xuan Bach<sup>1</sup>, Nguyen Dieu Linh<sup>1</sup>, Tu Minh Phuong<sup>1</sup>  
<sup>1</sup>Posts and Telecommunications Institute of Technology,  
Vietnam

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11:00 - 11:20 Scaled Conjugate Gradient Learning for Quaternion-Valued  
Neural Networks  
Calin-Adrian Popa<sup>1</sup>  
<sup>1</sup>Polytechnic University Timisoara

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11:20 - 11:40 Performance of Qubit Neural Network in Chaotic Time Series  
Forecasting  
Taisei Ueguchi<sup>1</sup>, Nobuyuki Matsui<sup>1</sup>, Tejiro Isokawa<sup>1</sup>  
<sup>1</sup>University of Hyogo

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11:40 - 12:00 The Evolutionary Process of Image Transition in Conjunction  
with Box and Strip Mutation  
Aneta Neumann<sup>1</sup>, Bradley Alexander<sup>1</sup>, Frank Neumann<sup>1</sup>  
<sup>1</sup>The University of Adelaide, School of Computer Science,  
Faculty of Engineering, Computer and Mathematical Science

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12:00 - 12:20 A preliminary model for understanding how life experiences  
generate human emotions and behavioural responses  
Irosh Fernando<sup>1</sup>  
<sup>1</sup>University of Newcastle

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