SRI LANKA ASSOCIATION FOR ARTIFICIAL INTELLIGENCE
15th Annual Sessions

3rd SLAAI - International Conference on Artificial Intelligence
(SLAAI-ICAI-2019)

Technical Session Schedule

12th December 2019
Sabaragamuwa University of Sri Lanka Belihuloya
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Panel Members:  
Dr. B. T. G. S. Kumara  
Dr. S. Vasanthapriyan  
Dr. Menaka Ranasinghe |  
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P1T1.01-1570598910  
A Novel Hybrid Approach Based on Back Propagation Neural Network and SARIMA for Inspection Time Series  
Forecasting Under the Seasonality  
R. M. K. T. Rathnayaka, D. M. K. N. Seneviratne  
11.30-11.45 am  
P1T1.02-1570596379  
iPersonalityReader: An Application to Assess the Personality of a Person via Face Image Using Pre-Trained  
Convolutional Neural Networks  
K. Ilmini, T. G. I. Fernando  
11.45-12.00  
P1T1.03-1570593517  
Mobile Application to Identify Fish Species Using YOLO-Based Convolutional Neural Networks  
K. Priyankan, T.G.I. Fernando  
12.00-12.15 pm  
P1T1.04-1570597753  
A Convolutional Neural Network Approach for Identification of Red-vented Bulbul  
G. Chathuranga, A. Chathurangi, K. Rathnayaka, S. Perera  
12.15-12.30 pm  
P1T1.05-1570597677  
Identification of Snake Species in Sri Lanka Using Convolutional Neural Networks  
S.B. Abayaratne, W.M.K.S. Ilmini, T.G.I. Fernando |
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<td>Dr. U. A. P. Ishanka</td>
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<td>Dr. E. M. U. W. J. B. Ekanayake</td>
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<td>Dr. Thushari Silva</td>
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| 02.45-03.00 pm | An Ensemble Learning Approach for Automatic Emotion Classification of Sri Lankan Folk Music  
J. Charles, S. Lekamge |
| 03.00-03.15 pm | Machine Learning Approach Based Novel Model for Opinion Mining and Sentiment Polarity Estimation  
H. K. S. K. Hettikankanama, S. Vasanthapriyan, K. T. Rathnayake |
| 03.15-03.30 pm | Intelligent System to Identify the Music Instrument Sound from a Music Audio File  
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<td>Dr. L. S. Lekamge</td>
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