

IEEE TRANSACTIONS ON HUMAN-MACHINE SYSTEMS

A PUBLICATION OF THE IEEE SYSTEMS, MAN, AND CYBERNETICS SOCIETY

AUGUST 2016

VOLUME 46

NUMBER 4

ITHSA6

(ISSN 2168-2291)

REGULAR PAPERS

Online Classification and Sensor Selection Optimization With Applications to Human Material Handling Tasks Using Wearable Sensing Technologies	<i>K. Bastani, S. Kim, Z. Kong, M. A. Nussbaum, and W. Huang</i>	485
Action Recognition From Depth Maps Using Deep Convolutional Neural Networks	<i>P. Wang, W. Li, Z. Gao, J. Zhang, C. Tang, and P. O. Ogunbona</i>	498
Iterative Learning From Novice Human Demonstrations for Output Tracking	<i>R. B. Warrier, and S. Devasia</i>	510
Frenet Frame-Based Generalized Space Curve Representation for Pose-Invariant Classification and Recognition of 3-D Face	<i>M. D. Samad, and K. M. Iftekharuddin</i>	522
Expert-Driven Perceptual Features for Modeling Style and Affect in Human Motion	<i>S. A. Etemad, and A. Arya</i>	534
Eye-Gaze Tracking Analysis of Driver Behavior While Interacting With Navigation Systems in an Urban Area	<i>R. Zheng, K. Nakano, H. Ishiko, K. Hagita, M. Kihira, and T. Yokozeki</i>	546
Optimal Human-Machine Teaming for a Sequential Inspection Operation	<i>K. Kalyanam, M. Pachter, M. Patzek, C. Rothwell, and S. Darbha</i>	557
Roadmap for the Development of at-Home Telemonitoring Systems to Augment Occupational Therapy	<i>L. Stirling, and J. MacLean</i>	569
Predictive Communication Quality Control in Haptic Teleoperation With Time Delay and Packet Loss	<i>M. Rank, Z. Shi, H. J. Müller, and S. Hirche</i>	581

TECHNICAL CORRESPONDENCE

Multiclass Steady-State Visual Evoked Potential Frequency Evaluation Using Chirp-Modulated Stimuli	<i>N. R. Waytowich, and D. J. Krusienski</i>	593
A Multimodal Gaze-Controlled Virtual Keyboard	<i>Hubert Cecotti</i>	601
Graphical Password-Based User Authentication With Free-Form Doodles	<i>M. Martinez-Diaz, J. Fierrez, and J. Galbally</i>	607
Exploring Latent Preferences for Context-Aware Personalized Recommendation Systems	<i>M. F. Alhamid, M. Rawashdeh, H. Dong, M. A. Hossain, and A. El Saddik</i>	615

CALL FOR PAPERS

IEEE TRANSACTIONS ON HUMAN-MACHINE SYSTEMS: Special Issue on "Golden Jubilee Anniversary Issue of Transactions on Man-Machine Systems"		624
--	--	-----
