

The Fourth IEEE Workshop on Human-in-the-loop Methods and Future of Work in BigData (HMData 2020)

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The latest program is available at <https://humanmachinedata.org>

Time	Title	Author
1:00PM	Opening	
1:05	Keynote: Crowd Sleuths: Solving Mysteries with Crowdsourcing, Experts, and AI	Kurt Luther (Virginia Tech)
1:55	Short Break	
2:00	Human-in-the-Loop Business Modelling for Emergent External Factors	Shubhi Asthana, Shikhar Kwatra, Christine T. Wolf, Pawan Chowdhary, and Taiga Nakamura
2:20	Validation of CyborgCrowd Implementation Possibility for Situation Awareness in Urgent Disaster Response -Case Study of International Disaster Response in 2019-	Munenari Inoguchi, Keiko Tamura, Kousuke Uo, and Masaki Kobayashi
2:40	Break	
3:00	Interpretation of Sentiment Analysis with Human-in-the-Loop	Vijaya Kumari Yeruva, Mayanka Chandrashekar, Yugyung Lee, Jeff Rydberg-Cox, Virginia Blanton, and Nathan A Oyler
3:20	Exploring Contextual Paradigms in Context-Aware Recommendations	Conor Morgan, Iulia Paun, and Nikos Ntarmos
3:40	Analysis of Hand-drawn Maps of Places in Natural Disaster Pictures	Seungun Kim, Masaki Matsubara, and Atsuyuki Morishima
3:52	Human-in-the-loop Approach towards Dual Process AI Decisions	Hikaru Uchida, Masaki Matsubara, Kei Wakabayashi, and Atsuyuki Morishima
4:04	Modelling Hybrid Human-Artificial Intelligence Cooperation: A Call Center Customer Service Case Study	Laura H. Kahn, Onur Savas, Adamma Morrison, Kelsey A. Shaffer, and Lila Zapata
4:16	Break	
4:40	General Self-aware Information Extraction from Labels of Biological Collections	Icaro Alzuru, Andréa Matsunaga, Mauricio Tsugawa, and José A.B. Fortes
5:00	Predicting Skill Shortages in Labor Markets: A Machine Learning Approach	Nikolas Dawson, Marian-Andrei Rizoiu, Benjamin Johnston, and Mary-Anne Williams
5:20	Adaptive Image Scaling for Corresponding Points Matching between Images with Differing Spatial Resolutions	Hisatoshi Toriya, Ashraf Dewan, and Itaru Kitahara
5:32	A Framework for Recommendation Algorithms Using Knowledge Graph and Random Walk Methods	Takafumi Suzuki, Satoshi Oyama, and Masahito Kurihara
5:44	Closing Remarks	