	The 4th IEEE International Workshop on Big Data for Financial News and Data Date: Thursday, Dec. 10, 2020 *WorkshopChairs: Quanzhi Li, Xiaozhong Liu, Sameena Shah*		
Video Length (minutes)	**Time (EST)**	**Title**	**Presenter/Author**
11:27	9:00AM - 9:20AM	*A Novel Hybrid Approach with A Decomposition Method and The RVFL Model for Crude Oil Price Prediction*	Chengyuan Zhang, Fuxin Jiang, Shouyang Wang, Wei Shang
12:12	9:20AM - 9:40AM	*DeepCatch: Predicting Return Defaulters in Taxation System using Example-Dependent Cost-Sensitive Deep Neural Networks*	Priya Mehta, Ch Sobhan Babu, S.V. Kasi Visweswara Rao, Sandeep Kumar
14:35	9:40AM - 10:00AM	*Hardening Soft Information: A Transformer-Based Approach to Forecasting Stock Return Volatility*	Matthew Caron and Oliver Müller
15:46	10:00AM -10:20AM	*Exploring market power using deep reinforcement learning for intelligent bidding strategies*	Alexander Kell, Matthew Forshaw, and A. Stephen McGough
18:20	10:20AM -10:40AM	*Predicting Stock Price Movements with Text Data using Labeling based on Financial Theory*	Fredrik Ahnve, Kasper Fantenberg, Gustav Svensson, Daniel Hardt
	10:40AM-10:50AM	**Coffee Break**	
19:43	10:50AM-11:10AM	*Repeating Link Prediction over Dynamic Graphs*	Daniele Montesi, Vladimir Vlassov, and Sarunas Girdzijauskas
17:50	11:10AM-11:30AM	*Anomaly Detection in Exchange Traded Funds*	Nitish Bahadur, Randy Paffenroth
12:46	11:30AM-11:50AM	*Large Scale Financial Filing Analysis on HPCC Systems*	Matthias Murray, Lili Xu, Arjuna Chala, and Roger Dev
11:40	11:50AM-12:10PM	*Causal Maps for Multi-Document Summarization*	Sasha Strelnikoff, Aruna Jammalamadaka, Dana Warmsley
19:12	12:10PM-12:30PM	*Large-scale Data-driven Segmentation of Banking Customers*	Md Monir Hossain, Mark Sebestyen, Dhruv Mayank, Omid Ardakanian, Hamzeh Khazaei
		Closing Remarks	