



International Workshop on Blockchain and Data Science (IWBD 2020)

KENYA SCHOOL OF MONETARY STUDIES (FEBRUARY 17TH TO 21ST, 2020)

Day 1 - Monday 17 February

Time/ length	Session	Moderator
08:00h - 09:00h (1hr)	Registration	
09:00h - 09:15h (15mins)	Presentation of KeNoMo program - Dr. Simon Mwendia	Ezekiel Kuria
09:15h - 9:30h (15mins)	Remarks from all partners	
09:30h - 10:15h (45mins)	Opening speech by the VC - KCA University	
10:15h - 10:45h (30mins)	Coffee break	
10:45h -11:45h (1hr)	Keynote Speech on data science Infusion, Enock Keya - Nakala Analytics Kenya	Russel/Mwendia
11:45h -12:15 (30mins)	Experiences from previous exchange students	
12:15h -12:45 (30mins)	Questions from prospective exchange students	
12:45h - 13:45h (1hr)	Lunch	
13:45h – 14:15h (30mins)	Overview of student selection criteria	Russel/Mwendia
14:15h -14:30h (15mins)	Partner roles and expectations, Student Mobility 2020	
14:30h -14:45h (15mins)	Expectations for PhD Students	
14:45h - 16:00h	Coffee break/ End of Day 1	
16:00h - 17:00h	Meet - up for KENOMO project partners	

Day 2 - Tuesday 18 February

Time/ length	Session	Lead& Comments
08:30h - 9:00h (30mins)	Arrival, registration	Prof Waema.
09:00h - 10:00h (1 hr)	Keynote speech on Data Science, John Matogo - IBM	
10:00h - 10:30h	Coffee break	
10:30h -11:30h (1 hr)	Keynote speech on data science talent pipeline management, Andrew Gikiria, Tabarin Consulting Nairobi Kenya	Dr. Lucy Waruguru
11:30h -12:30h (1 hr)	Keynote speech on Data Science, Timothy Oriedo, Kenya	
12:30h - 14:00h	Lunch	
14:00h -14:30h(30mins)	A Model of Breast Cancer Detection in Mammogram using Pre-trained Convolutional Neural Network on Imbalanced Data - Reuben Mugambi	Russel Wolf
14:30h -15:00h(30mins)	An Empirical Approach to Mobile Learning on Mobile Ad Hoc Networks (MANETs) - Mutuma Ichaba	
15:00h -15:30h(30mins)	Insurance Medical Claims Fraud Detection Model – Artificial Neural Network Classifier: Towards the Achievement of Sustainable Development Goal Three (Francis Oundo)	
15:30h -16:00h(30mins)	Discussion on Presentations	
16:00h - 16:30h	Coffee break/ End of Day 2	



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Day 3 - Wednesday 19 February		
Time/ length	Session	Lead& Comments
08:30h - 9:00h (30mins)	Arrival, registration	
09:00h - 09:20h (20mins)	Block chain Technology: Smart Contract Application in the Real Estate Industry - Jedidah Wanjagi	Dr. Simon Mwendia
09:20h - 09:40h (20mins)	A Blockchain Technology Based simulation model for Land Management: A case of Nyamira County - Henry Abuga	
9:40h - 10:10h	Coffee break	
10:10h -10:30h (20mins)	Blockchain for Food Traceability on supply chain - Agatha Makori	Prof. Rong
10:30h -10:50h (20mins)	Preventing Medical Care Insurance Fraud Using Blockchain - Stephen Odhiambo	
10:50h -11:10h (20mins)	Identifying Data Anomaly Types in Telemetry Wireless Sensor Network Using the Hierarchical Clustering Algorithms - Harrison Barasa	
11:10h -11:30h (20mins)	A Model for statistical analysis for poverty Sustainable Development Goal across the world - Anthony Ochieng	
11:30h -12:30h (1hr)	Discussion on Presentations	
12:30h - 14:00h	Lunch	
14:00h - 14:20h (20 mins)	Adoption of Block Chain Technology in Voting Process in Kenya - Michael Kibet	Ezekiel Kuria
14:20h - 14:40h (20 mins)	Mobile for Improving Ambient Learning Systems: An application of Big Data Tools - Peter Abwoga	
14:40h - 15:00h (20 mins)	Computational Public Enterprise intelligence: Big Data storage and its role towards millennial development Goal 2030 - Anthony Mbuvi	
15:00h - 15:20h (20 mins)	Paper presentation - Markus Pettersen	
15:20h - 16:00h (40 mins)	Discussion on Presentations	
16:00h - 16:30h	Coffee break/ End of Day 3	
Day 4 - Thursday 20 February		
Time/ length	Session	Lead& Comments
08:30h - 9:00h (30mins)	Arrival, registration	
09:00h - 10:00h (1hr)	Keynote speech on Smart Cities, Gunnar Crawford - Stavanger Smart City	Prof. Rong
10:00h - 10:30h	Coffee break	
10:30h -11:30h (1 hr)	Keynote speech on energy ecosystems, John Wainaina - Bithub Africa	Prof. Waema
11:30h -11:50h (20mins)	Food Safety Solution Using Blockchain Technology - Titus Kogo	
11:50h -12:50h (1 hr.)	Prof. Wiktorcki, Tom	
12:50h -1:10h (20mins)	Discussion on Presentations	
12:30h - 14:00h	Lunch	
14:00h - 15:00h (1hr)	Poster session	Russel Wolf
15:00h - 15:30h (30mins)	Prize giving	
15:30h - 16:00h (30mins)	Closing session	
16:00h - 16:30h	Coffee break/ End of Day 4	
	Closure Meeting by KENOMO project partners	
Day 5 - Friday 21 February		
Time/ length	Session	Lead& Comments
09:00h - 14:00h (5hrs)	Team building, Lunch, Team building	Dr. Simon Mwendia
	End of Day 5	