

Tuesday, April 18th

	<i>Welcome & Introductions</i>	
10:30 - 10:45am Rochester / 5:30 - 5:45pm Nyeri		
10:45 - 11:00am Rochester / 5:45 - 6:00pm Nyeri	Morris Kaburu	Incorporating communication cost in carbon footprints estimation for machine learning models
11:00 - 11:15am Rochester / 6:00 - 6:15pm Nyeri	David Opondo	Influence Maximization with Improved Independent Cascade Model
11:15 - 11:30am Rochester / 6:15 - 6:30pm Nyeri	Kinyua Gikunda	Application of Machine Learning for Weather Prediction, Climate change (carbon footprint of AI), Agriculture
11:30 - 11:45am Rochester / 6:30 - 6:45pm Nyeri	Kimutai Ngetich	Enhancing Dielectric Strength of Silicone Rubber Insulation coating Vulcanized at Room Temperature using Multi-Nanoparticles Techniques
11:45 - 12:00pm Rochester / 6:45 - 7:00pm Nyeri	Lefu Maqelepo	Electricity Subsidies
12:00 - 12:15pm Rochester / 7:00 - 7:15pm Nyeri	Lorna Mugambi	Unsupervised machine learning for detection of valvular pathology caused by rheumatic heart disease
12:15 - 12:30pm Rochester / 7:15 - 7:30pm Nyeri	Rostam Ali Bahadori	Residential net-zero energy building: overcoming energy barriers in developing countries
12:30pm Rochester / 7:30pm Nyeri	<i>Closing Remarks</i>	

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Wednesday, April 19th

8:30 - 8:45am Rochester / 3:30 - 3:45pm Nyeri	<i>Welcome & Introductions</i>	
8:45 - 9:00am Rochester / 3:45 - 4:00pm Nyeri	Patrick Gichunge Naivasha	Modeling a high risk intelligent market using game theory: A case of foreign exchange trading
9:00 - 9:15am Rochester / 4:00 - 4:15pm Nyeri	Dennis Wanyoike Kamau	Annealing studies on Morphological, optical and electrical properties of Mixed Copper-Titanium oxide (CuTi)Ox Thin Films Deposited by Magnetron Co-Sputtering.
9:15 - 9:30am Rochester / 4:15 - 4:30pm Nyeri	Fhazhil Wamalwa	The nexus potential of co-planning minigrids with irrigation farming
9:30 - 9:45am Rochester / 4:30 - 4:45pm Nyeri	Cedric Kiplimo	Leveraging Computer Vision to Automatically Measure Tree Biophysical Parameters
9:45 - 10:00am Rochester / 4:45 - 5:00pm Nyeri	Muhinyia Ndegwa	Screening of bioacoustics recordings for ecosystems monitoring
10:00 - 10:15am Rochester / 5:00 - 5:15pm Nyeri	Gabriel Kiarie	A Time Domain Reflectometry Electric Fence Fault Detector and Localiser
10:15 - 10:30am Rochester / 5:15 - 5:30pm Nyeri	Mohammed Maow Humow	Characterization of post-annealed structural, optical and Electrical Properties of Vanadium Oxide thin film for Optoelectronic Application
10:30 - 10:45am Rochester / 5:30 - 5:45pm Nyeri	Tunmise Raji	Impact of Electricity Access on Irrigation Adoption in Rwanda: A Remote Sensing Approach
10:45am Rochester / 5:45pm Nyeri	<i>Closing Remarks</i>	

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Thursday, April 20th

10:00 - 10:15am Rochester / 5:00 - 5:15pm Nyeri		<i>Welcome & Introductions</i>
10:15 - 10:30am Rochester / 5:15 - 5:30pm Nyeri	Gedion Njoroge Njoroge	Using Techniques to Improve CNN Pattern Recognition on Evaluating Handwritten Exams in Kenya TVET Institutions
10:30 - 10:45am Rochester / 5:30 - 5:45pm Nyeri	Zack Kiusya	Computer Graphics (Speed of Rendering of Complex 3D scenes)
10:45 - 11:00am Rochester / 5:45 - 6:00pm Nyeri	John Ngechu	ICU Readmission Predictions Using LSTM on Electronic Health Records
11:00 - 11:15am Rochester / 6:00 - 6:15pm Nyeri	Immaculate Musyoka	Cyberbullying Detection Using Deep Learning techniques
11:15 - 11:30am Rochester / 6:15 - 6:30pm Nyeri	Bernard Kimani Makumi	Using Machine learning to detect diseases outbreak in rural areas Kenya
11:30 - 11:45am Rochester / 6:30 - 6:45pm Nyeri	Everlyne Ngatho	Detecting AI generated texts using Deep learning Models
11:45 - 12:00pm Rochester / 6:45 - 7:00pm Nyeri	Wachepele Masika David	Model for Imitation in Autism Classification
12:00 - 12:15pm Rochester / 7:00 - 7:15pm Nyeri	Paul Kariuki	Memetic Algorithm-Based Data Augmentation for Deep Transfer Learning in Prostate Cancer Prediction
12:15 - 12:30pm Rochester / 7:15 - 7:30pm Nyeri	James	Defense deep learning models against First Gradient Sign Method adversarial Attacks
12:30pm Rochester / 7:30pm Nyeri		<i>Closing Remarks</i>

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Friday, April 21st

8:45 - 9:00am Rochester / 3:45 - 4:00pm Nyeri		<i>Welcome & Introductions</i>
9:00 - 9:15am Rochester / 4:00 - 4:15pm Nyeri	Elphas Khata	Imaging Science as a Frontier towards Pollution Assessment in Africa Great Lakes
9:15 - 9:30am Rochester / 4:15 - 4:30pm Nyeri	Victor Karani Njeru	Data Imputation
9:30 - 9:45am Rochester / 4:30 - 4:45pm Nyeri	Samwel Karanja Muchina	Face recognition based on Deep convolution network and Support Vector Machine
9:45 - 10:00am Rochester / 4:45 - 5:00pm Nyeri	David Gichohi Maina	Fraudulent Motor Insurance Claims Detection Using Ensemble Learning Techniques
10:00 - 10:15am Rochester / 5:00 - 5:15pm Nyeri	Irada Mwendo	Deep transfer learning for detecting Covid-19, Tuberculosis and Pneumonia using CXR images
10:15 - 10:30am Rochester / 5:15 - 5:30pm Nyeri	Caroline W. Gikwa	Modelling Tea Production Using Multispectral Remote Sensing
10:30 - 10:45am Rochester / 5:30 - 5:45pm Nyeri	Julius Maina Waititu	Spectral Discrimination of Invasive Lantana Camara L. from Co-occurring Species
10:45 - 11:00am Rochester / 5:45 - 6:00pm Nyeri	Josephine Wanjiru Wanjiku	Review of 3D geographic data transformation models
11:00am Rochester / 5:30pm Nyeri		<i>Closing Remarks</i>

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