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Workshop on Scientific Use of Machine Learning on Low-Power Devices: Applications and Advanced Topics | (smr 3832) / Programme

Thursday 20 April 2023

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TinyML Show and Tell - Online (15:00-18:20)

time	title	presenter
15:00	Day Opening	
15:05	Selected Show and Tell Talks	BRIAN PLANCHER
15:10	Smart Poultry Farm: Tinyml-Based Disease Detection System Through Audio Signal	SEGUN ADEBAYO
15:30	Leveraging TinyML for Tracking Eidolon Helvum Movement Pattern and Forage Technique	OLUWATOBI HALLELUYAH AWORINDE
15:50	Developing a "personal trainer" with TinyML	RICARDO CARMO
16:10	Sleep Apnea Detection System Using	HELEN NEENA GOVEAS
16:30	Rainfall estimation using Audio Monitoring and TinyML	BLESSED GUDA
16:50	Development of a TinyML Framework for Crop Disease Classification Tasks on Constrained Embedded Devices	REHEMA HAMIS MWAWADO
17:10	Word recognition in Kichwa using audio and low-power devices: a machine learning approach for alert applications	KARINA ORTEGA AVILÉS
17:30	DTMF Demodulation: A Brief Investigation of Machine Learning for Digital Signal Process	UMAR HADIZA YUSUF
17:50	Day Closing	