

iNDABA PROGRAMME



DEEP LEARNING
INDABA



DATE

**27 - 28
JULY 2023**

THEME

**LEVERAGING NATURAL LANGUAGE PROCESSING FOR
ECONOMIC DEVELOPMENT AND BUSINESS INTELLIGENCE**



VENUE

**ERS
(EZULWINI)**

SUB- THEME

“Lulwimi Lwakho Ngumcebo Wakho”

PROGRAMME DIRECTOR: MS. NOKTHULA HLOPE

DAY ONE: FACE TO FACE / VIRTUAL PRESENTATION

Time	Activity	Facilitator & Institution
08:00-08:30	Online Registration	Mr C. Mavuso
08:30-08:40	Set the Scene	Dr S.G. Fashoto (UNESWA)
08:40-08:50	Introduction of the Commissioner General	Mr Manyatsi (EFWG Chair)
08:50-09:10	Opening Remarks/ Welcome	The Commissioner General- Mr B. Nkambule (ERS)
09:10-09:40	Introduction to Natural Language Processing	Dr D. Adelani
09:40-09:55	Introduction to Siswati Morphology	Ms G. Malaza (UNESWA)
09:55-10:10	Group Photos + TEA BREAK	
10:10-10:30	Remarks by Partners	FSRA ESCCOM CBE
10:30-10:55	Machine Learning Techniques for Morphology	Mr S. Ajagbe
10:55-11:10	Importance of indigenous languages in economic development & service delivery (business growth)	Mr S. Malaza (RSTP)
11:10-11:25	Q & A (for all presentations)	Mr E.L. Dube
11:25-11:30	2022 Hackathon winner	Mr M. Mahlalela
11:30-11:35	2022 Poster Presentation winner	Ms Z. Shabangu
11:35-12:35	ZINDI INTRODUCTION OF HACKATHON	Mr Robert (Zindi Ambassador) and Dr E. Mbunge (UNESWA)
12:35-13:35	LUNCH	
13:35-16:00	Poster presentation	Judges (one nomination from each partner)

DAY TWO FACE TO FACE PRACTICAL SESSIONS

Time	Activity	Facilitator & Institution
08:30 - 09:00	Finite State Morphological Analyzer	Mr M.A. Nxumalo
09:00 - 09:15	Q & A	Ms P. Nhlengethwa
09:15 - 11:15	Introduction to Colab (Python Practical)	Dr. Fashoto/ Mr Matsebula/ Mr. Olamijuwon/ Mr. Dube/ Dr. E. Mbunge/ Prof. Akinnuwesi
11:15 - 11:30	TEA BREAK	
11:30 - 13:00	Python Practical on NLP Dataset	Dr. Fashoto/ Mr. Olamijuwon/ Mr. Dube/ Dr. E. Mbunge/ Mr Matsebula Prof. Akinnuwesi
13:00 - 14:00	LUNCH	
14:00 - 15:00	Python Practical on NLP Dataset	Dr. Fashoto/ Mr. Olamijuwon / Mr. Dube/ Dr. E. Mbunge/ Mr Matsebula Prof. Akinnuwesi
15:00 - 15:30	Way forward/ Closing Remarks	Dr. A.S. Metfula (UNESWA)

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