



## ENSEMBLE MACHINE LEARNING FOR RESILIENT DECISION MAKING IN ESWATINI

PROGRAMME DIRECTOR: MR. CHRIS MAVUSO | CBE AUDITORIUM | 23 – 24 SEPTEMBER 2026

### DAY 1 · 23 SEPTEMBER 2026

| TIME           | ACTIVITY                                                                                                                       | FACILITATOR & INSTITUTION      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 08:00 – 08:30  | <i>Registration</i>                                                                                                            | Ms. Nombuso Chirwa             |
| FIRST SESSION  |                                                                                                                                |                                |
| 08:30 – 08:35  | MC's Remarks                                                                                                                   | Mr. M. Luphondvo; CBE          |
| 08:35 – 08:45  | Overview of the FinTech Forum Eswatini (FFE)                                                                                   | Dr. A.S. Metfula, FFE Chairman |
| 08:45 – 09:10  | Welcome Remarks                                                                                                                | Governor – Dr. P. Mnisi        |
| 09:10 – 09:40  | <i>Signing of MoU (separate venue)</i>                                                                                         | FFE Council                    |
| SECOND SESSION |                                                                                                                                |                                |
| 09:10 – 09:40  | Keynote Speaker – Academia-industry linkages in AI: who builds, who owns, and who benefits in Africa                           | Prof. S.G. Fashoto, NUST       |
| 09:40 – 09:55  | Leveraging Ensemble Machine Learning to Advance Financial Inclusion and Credit Accessibility                                   | CFI                            |
| 09:55 – 10:10  | Ensemble Machine Learning for Resilient ICT Decision-Making and Regulation in Eswatini                                         | ESCCOM                         |
| 10:10 – 10:25  | Transforming Tax Administration with Ensemble Machine Learning for Compliance and Revenue Optimization                         | ERS                            |
| 10:25 – 10:45  | <b>Q &amp; A</b>                                                                                                               | Mr. Simanga Dlamini; RSTP      |
| 10:45 – 11:15  | <i>Group Photos + Tea Break</i>                                                                                                |                                |
| 11:15 – 11:45  | <b>INSTITUTIONAL SPOTLIGHT:</b> Advancing AI and Machine Learning through Future Collaboration with the University of Zululand | UNIZULU                        |
| 11:45 – 12:00  | AI-Driven Risk-Based Supervision: Ensemble Machine Learning for Regulatory Intelligence                                        | FSRA                           |

| TIME          | ACTIVITY                                                                                                             | FACILITATOR & INSTITUTION      |
|---------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------|
| 12:00 – 12:15 | From Community to Intelligence: Building Eswatini's AI Ecosystem for Strategic Decision-Making                       | AI Eswatini                    |
| 12:15 – 12:30 | From Open Data to Early Warning: Student-Built Ensemble Decision-Support Systems for National Resilience in Eswatini | UNESWA                         |
| 12:30 – 12:45 | <b>Q &amp; A</b>                                                                                                     | Mr. Siphosethu Mdluli; CBE     |
| 12:45 – 12:50 | 2025 Hackathon Winner                                                                                                | Philile Mthethwa               |
| 12:50 – 12:55 | 2025 Poster Presentation Winner                                                                                      | Brian Msane                    |
| 12:55 – 13:00 | <b>ANNOUNCEMENTS</b>                                                                                                 |                                |
| 13:00 – 14:00 | <b>LUNCH</b>                                                                                                         |                                |
| 14:00 – 14:30 | Zindi Introduction of Hackathon                                                                                      | Zindi Ambassador, UNESWA       |
| 14:30 – 16:30 | Poster Presentations                                                                                                 | Judges (one from each partner) |

## DAY 2 · 24 SEPTEMBER 2026

| TIME          | ACTIVITY                                                                                                                          | FACILITATOR & INSTITUTION                          |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 08:30 – 09:00 | Introduction to Google Colab and Kaggle                                                                                           | Mr. Vuyo Ngcamphalala                              |
| 09:00 – 09:15 | <b>Q &amp; A</b>                                                                                                                  | Mr. Brian Msane                                    |
| 09:15 – 11:15 | Inside the AI Stack: From Foundational Models to Secure Agent Systems                                                             | Mr. Samkelo Msibi & Thembinkosi Mkhonta            |
| 11:15 – 11:30 | <b>TEA BREAK</b>                                                                                                                  |                                                    |
| 11:30 – 13:00 | Practical: Build a Decision-Making AI Agent                                                                                       | Prof. S.G. Fashoto / Thembinkosi / Samkelo/ Ayanda |
| 13:00 – 14:00 | <b>LUNCH</b>                                                                                                                      |                                                    |
| 14:00 – 15:30 | Introduction of International Olympiad for Artificial Intelligence (IOAI) and African Olympiad for Artificial Intelligence (AOAI) | Prof. S.G. Fashoto / Thembinkosi / Samkelo/ Ayanda |
| 15:30 – 16:00 | Building the AI Ensemble: People, Language, Robotics and Quantum Innovation                                                       | Mr. Samkelo Msibi                                  |
| 16:00 – 16:30 | Way Forward / Closing Remarks                                                                                                     | FFE Chairperson                                    |

## WITH THANKS TO OUR PARTNERS



ZINDI

