



**2025 Virtual SAMSMA Masamu Advanced Study Institute (MASI) Convening**  
**Wednesday, November 19 – Sunday, November 30, 2025**  
**All times Central Africa Time (CAT) (GMT+2)**



**PROGRAM SCHEDULE**

<b>Wednesday, November 19</b>	
Networking	16:00 – 16:25
Opening Session: Professor Suzanne Lenhart and Professor Edward Lungu	16:30 – 17:00
Research Group Planning Meetings	17:00 – 20:00
<b>Thursday, November 20</b>	
Institute	16:00 – 20:00
<b>Friday, November 21</b>	
Institute	16:00 – 20:00
<b>Saturday, November 22</b>	
Institute	16:00 – 20:00
<b>Sunday, November 23</b>	
One Health Symposium	16:00 – 20:00
<b>Monday, November 24</b>	
SAMSMA Travel Day	
Institute	16:00 – 20:00
<b>Tuesday, November 25</b>	
SAMSMA Conference	
Institute	16:00 – 20:00
<b>Wednesday, November 26</b>	
SAMSMA Conference	
Institute	16:00 – 20:00
<b>Thursday, November 27</b>	
SAMSMA Conference	
Institute and US Thanksgiving Holiday	16:00 – 20:00
<b>Friday, November 28</b>	
SAMSMA Conference	
Institute: Research Presentation Preparation	16:00 – 20:00
<b>Saturday, November 29</b>	
Research Workshop	16:00 – 18:00
<b>Sunday, November 30</b>	
State of Masamu Program Address and 2026 MASI Convening Planning Workshop	16:00 – 17:00
Closing Session	17:00 – 17:30

**Please Note:**

1. All sessions are virtual via Zoom. **You must have registered to receive the zoom link for the 2025 Institute Convening.**
2. MASI Convening will be held at 0600 – 1000 PST, 0700 – 1100 MT, 0800 – 1200 CST, 0900 – 1300 EST, 1400 – 1800 GMT, 1600 – 2000 CAT, 1700 – 2100 EAT, 1900 – 2300 PKT from Wednesday, November 19 to Sunday, November 30.
3. MASI Convening will be held on a flexible schedule on Monday, November 24 – Friday, November 28. During this period, Research Groups will focus on group assignments and continue to meet. The Convening zoom room will be available, and use of this room is strongly recommended for consultations during this time for evaluation and reporting purposes. Hosts will be available to admit you into the Institute room.

For more information, please visit <https://nextgenstempathways.org/masamu/>

## **Masamu Advanced Study Institute (MASI) Convening Research Workshop Saturday, November 29, 2025**

### **Agenda**

- 16:00 – 16:20 **Analysis**
- 16:20 – 16:40 **Algebra and Geometry:** Formality of unit sphere tangent bundles
- 16:40 – 17:10 **Graph Theory**
- 17:10 – 17:50 **Finance**
- 17:10 Problem 1: Optimal Strategies for Managing Sovereign Wealth Funds: Case of Botswana
- 17:20 Problem 2: Analysis of after Retirement quality of life and its link to gambling.
- 17:30 Problem 3: Insurance-Reinsurance control problem where insurer has inside information
- 17:40 Problem 4: Modelling Resource Extraction and Production
- 17:50 – 17:55 **Break**
- 17:55 – 18:15 **Biostatistics**
- 18:15 – 18:35 **Health Economics**
- 18:35 – 19:55 **Mathematical Biology**
- 18:35 Hesitancy
- 18:55 New Immunology Models
- 19:15 Elephant
- 19:35 Fire and Wildlife
- 19:55 – 20:00 **Closing Remarks and Adjourn** - Professor Edward Lungu

## **MASI Convening Planning Workshop and Closing Session Sunday, November 30, 2025**

### **Agenda**

- 16:00 – 17:00 **State of Masamu Program Address and 2026 MASI Convening Planning Workshop**  
Session Chair: Professor Overtoun Jenda
- State of the Masamu Program: Resilience and Long-term Viability (15 mins)
  - Message from 2026 Host (5 mins)
  - 2026 MASI and Conference Logistics – meeting rooms, lodging, meals, transportation from hotel to campus (15 mins)
  - Excursion and Thanksgiving Dinner (5 mins)
  - Community Engagement: STEM Education, Career Development, Heads and Chairs, and other workshops (10 mins)
  - Research Groups (5 mins)
  - 2026 Masamu Colloquia Series (5 mins)
- 17:00 – 17:30 **Closing Session**  
Session Chair: Professor Suzanne Lenhart
- Masamu Survey (5 mins)
  - Open Forum (20 mins)
  - Concluding remarks (5 mins)
  - Adjourn