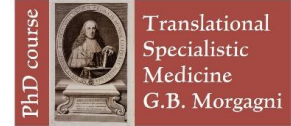




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## AI4A

**Artificial Intelligence Shaping Global Health  
Perspectives from Research and Medicine in Africa**

**Ph.D. Program Translational Specialistic Medicine  
“G.B. Morgagni”**

The AI4A workshop program, organized by Padova University, aims to explore the impact of Artificial Intelligence on medicine, public health, and biostatistics in the African context. The program brings together experts from various fields to discuss the opportunities, challenges, and implementation strategies of AI solutions for enhanced healthcare delivery in Africa. Padova University, as the organizer of this event, provides a platform for researchers to collaborate and share their findings, and offers opportunities for further research in the field of AI and its applications in healthcare. The university's Ph.D. Program Translational Specialistic Medicine “G.B. Morgagni” is one such opportunity for researchers to pursue advanced studies in this field.

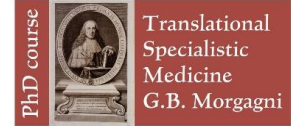
**11 - 12 June, 2024**

Greetings from authorities

(to be defined)



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- **Topic 1: Breaking New Ground: Exploring Artificial Intelligence's Impact on Medicine, Public Health, and Biostatistics in the African Context**
  - *AI SOLUTIONS FOR ENHANCED HEALTHCARE DELIVERY IN ETHIOPIA: OPPORTUNITIES, CHALLENGES, AND IMPLEMENTATION STRATEGIES*  
**Amal Saleh** (PhD in Radiology), Associate Professor of Radiology, Dean School of Medicine and Health Sciences at Black Lion Referral Hospital, Addis Ababa University, Addis Ababa, Ethiopia
  - *EXPLORATION OF AI USAGE AMONG PUBLIC HEALTH WORKERS AND STUDENTS IN LOW-INCOME COUNTRIES: SUDAN AS AN EXAMPLE*  
**Nazik Eltayeb Musa Mustafa** (PhD), Associate Professor, Faculty of Public and Environmental Health, University of Khartoum, Sudan
  - *APPLICATION OF ARTIFICIAL INTELLIGENCE IN THE MEDICAL FIELD: PROBLEMS AND PROSPECTS - A CASE STUDY IN AFRICA*  
**L. J. Muhammad** (PhD), Computer Department, Faculty of Science, Federal University, Kashere, Nigeria
- **Topic 2: AI in Health Impact Assessment and Implementation Strategies in Africa**
  - *HEALTH IMPACT ASSESSMENTS: AI TOOLS FOR EVALUATING ENVIRONMENTAL POLICIES*  
**Sandra Maria Eugenio Janela**, MA in Geomatics and Natural Resources Evaluation, Mozambique
  - *FROM ALGORITHM TO ACTION: UNLEASHING AI IN BIOSTATISTICS FOR AFRICAN WELL-BEING*  
**Israa Osama Abdalla Abobaker**, Lecturer of Statistics, Department of Statistics, Faculty of Mathematical Sciences and Informatics, University of Khartoum, Sudan.
  - *SYNERGIZING ARTIFICIAL INTELLIGENCE AND BIG DATA FOR ENHANCED HEALTHCARE: A CASE STUDY IN THE AFRICAN MEDICAL LANDSCAPE*  
**Selain Kasereka** (PhD), Professor in Applied Sciences, University of Kinshasa, Department of Mathematics and Computer Science, Democratic Republic of the Congo
  - *FROM DATA TO DIAGNOSIS: THE AI REVOLUTION IN HEALTH*  
**Makwin Danladi Makut** (PhD), Nasarawa State University, Applied and Environmental Microbiology KEFFI - Nigeria
  - *TRANSFORMATIVE HEALTHCARE SOLUTIONS: ASSESSING THE INTEGRATION AND EFFECTIVENESS OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING IN ELECTRONIC HEALTH RECORDS MANAGEMENT - A Case Study in Ethiopian Medical Facilities*  
**Senahara Korsa** (PhD in Biostatistics), Assistant Professor in Biostatistics, CNCS, Ambo University Ethiopia