



AI @ AIDS 2026 Roadmap



Session Code	Title	Date	Time (*All times are BRT)	Type	Track	Location	Intervention
SAT40	AI on the frontlines of HIV service delivery: Design, delivery and data	27-Jul	9:30 - 11:00	Satellite		201	
OAE03	Responsible AI in practice: Advancing HIV prevention and care	28-Jul	10:30 - 11:30	Oral Abstract	Track E: Implementation science, economics, systems and synergies	203	
SAT34	AI and HIV: Who owns the future of public health?	28-Jul	13:30 - 14:30	Satellite		203	
WS09	Responsible AI and digital tools for improved HIV outcomes: Practical methods for programmes, services and policy	29-Jul	12:00 - 13:30	Workshop		101B	
SAT35	The future of HIV service delivery is...simplification, self-care, integration, and AI in practice	29-Jul	12:00 - 13:00	Satellite		201	
SY23	AI for all: Building trust, equity and smarter HIV solutions	30-Jul	16:30 - 17:30	Symposium	Cross-track	101A	
WS15	Exploring artificial intelligence to strengthen HIV clinical care and research in low-resource settings	30-Jul	12:00 - 13:30	Workshop	Track B: Clinical science	101B	
SAT45	The digital care continuum: Connecting AI, PrEP, and people	30-Jul	18:00 - 19:30	Satellite		203	PrEP
Posters/Abstracts							
E-poster	Agentic AI and federated learning for real-time optimization of differentiated HIV service delivery: an implementation and economic systems framework				Track E E10: Innovations in data collection, monitoring and evaluation		
E-poster	EpidPredict: Bayesian forecasting with correlation-guided covariate selection and hallucination-resistant AI interpretation for PEPFAR HIV cascade metrics				Track E E2: Implementation research to scale up prevention		

Poster exhibition	AI chatbots as pre-consultation companions in HIV Care in northern Nigeria				Track C C8: Cascades of HIV prevention, treatment and care		
Poster exhibition	MARVIN: An emotion-aware AI chatbot enhancing psychosocial safety and support in HIV prevention and care				Track D D6: Mental health and well-being interventions, programmes and models		
Poster exhibition	The jurisprudence of artificial intelligence: Unregulated use of AI in public health program implementation and the imperative to safeguard recipients of care in Nigeria				Track F F5: Policy development, implementation and analysis		
Poster exhibition	Insights from mixed-methods usability testing of an AI health coach chatbot with potential users in two South African provinces				Track D D1: Social and/or behavioural science theories, frameworks, concepts and methods		
Poster exhibition	Democratizing HIV education: leveraging generative AI ("ShortsAI") to transform complex medical concepts into accessible content for Venezuelan youth				Track E E2: Implementation research to scale up prevention		
Poster exhibition	From chat to care: translating AI conversations into community-generated program intelligence for HIV services				Track E E10: Innovations in data collection, monitoring and evaluation		
Poster exhibition	Rising above misinformation: safety-first, quality-assured AI for HIV and sexual and reproductive health self-care				Track E E10: Innovations in data collection, monitoring and evaluation		
Poster exhibition	AI and digital technologies for HIV prevention, diagnosis and improving PrEP/ART treatment in sub-Saharan Africa				Track E E10: Innovations in data collection, monitoring and evaluation		
Poster exhibition	Rethinking PrEP scale-up: progressive AI targeting for long-acting HIV prevention				Track E E2: Implementation research to scale up prevention		
Poster exhibition	Responsible AI assessment of a large language model triage tool for antiretroviral therapy adherence barriers and risks				Track E E10: Innovations in data collection, monitoring and evaluation		

Poster exhibition	Co-designing behavioural nudges for WhatsApp social-network sharing of an AI-based HIV support tool (AI coach) to increase HIV service utilisation among underserved populations in South Africa				Track D D2: Social and behavioural aspects and approaches to HIV prevention and living with HIV		
Poster exhibition	Bridging the evidence-to-action gap: leveraging AI and centralised data hub to strengthen HIV prevention programming in sub-Saharan Africa				Track E E10: Innovations in data collection, monitoring and evaluation		
Poster exhibition	When stigma is low, disclosure is high: early insights from a conversational AI HIV coach				Track D D2: Social and behavioural aspects and approaches to HIV prevention and living with HIV		
Poster exhibition	Advancing HIV prevention equity: secondary analysis of ethical AI integration in political advocacy for key populations				Track F F1: Political and legal factors affecting people living with, vulnerable to and affected by HIV		
Poster exhibition	Demand generation and early engagement with an AI health coach at 12 public clinics in Durban, South Africa: insights on uptake and use				Track D D2: Social and behavioural aspects and approaches to HIV prevention and living with HIV		