



PROGRAM:

DAY 1 September 2025	Time (CAT)		Abstract
	8:30-900	Badge Collection	
Session 1: Multi-phase volcanic flows (V. Pinel & S. Massaro)	MORNING		
	9:00-9:30	Opening Ceremony	-M. Stéphane Le Brech, 1er Conseiller, French Embassy in Rwanda - Mrs Juliet Kabera, Director general, REMA - Mrs H. Christine Niyotwambaza, Director General, MINEMA -Dr. Ozlem Adiyaman, IGCP head of programme, UNESCO- on-line
	9:30-10:30	Keynote Speaker: Andrew Woods	Multiphase volcanic flows
Coffee Break			
	11:00-11:45	Alison Rust	The origins of magma bubble and crystal textures and applications to correlating deposits and inferring past eruption conditions
	11:45-12:30	Antonio Costa	Rheology of Crystal-Rich Magmas
Lunch			
Session 1: Multi-phase volcanic flows (V. Pinel & S. Massaro)	AFTERNOON		
	14:00–14:45	Andrew Hoggs	Modelling the interaction of lava flows with topography and barriers
	14:45-15:30	Catherine Meriaux	Numerical modelling of lava domes

Coffee Break			
	16:00-16:15	Group Photo	
	16:15-18:00	Poster Session	

DAY 2 September 2025	Time (CAT)		Abstract
Session 2: Magma Subsurface propagation (C. Mériaux & A. Costa)	MORNING		
	9:30-10:30	Keynote Speaker: Eleonora Rivalta	Magma pathways below volcanic arcs and continental rifts
Coffee Break			
	11:00-11:45	Virginie Pinel	Towards a better understanding of subsurface magma propagation using numerical and analogue models, application to recent eruptions of Nyiragongo volcano.
	11:45-12:30	Timothy Davis	Decoding lateral dyke dynamics: how earthquake patterns and graben development reveal magma movement
Lunch			
Session 3: Seismic and Deformation signals from a volcano (V. Pinel & A. Costa)	AFTERNOON		
	14:00–14:45	Keynote Speaker: Carolina Pagli	Tracking Magma in a Rift: InSAR and Seismicity of the 2024–2025 Fentale Diking Episode
	14:45-15:30	Atalay Ayele	Challenges of Disaster Risk Management (DRM) in the East African Rift

			System: lessons learnt from the recent Fentale-Dofen volcano seismic crisis
Coffee Break			
	16:00-16:45	Valerie Cayol	Resolving traction changes on fractures
	16:45-17:30	Keir Derek	Seismicity and ground motion at volcanic systems of geothermal interest: examples from Tulu Moye and Dallol in Ethiopia
	17:30-19:10	MOVIE: FIREBALL	
	19:10	SOCIAL DINNER	

DAY 3 September 2025	Time (CAT)		Abstract
Session 4: Volcanic emissions dispersion (A. Costa & C. Mériaux)	MORNING		
	8:30-9:30	Keynote Speaker: Arnau Folch	Modelling of volcanic gas and ash emissions for eruption forecasting and probabilistic hazard assessment
	9:30-10:15	Andrew Woods	Dynamics of wind-blown volcanic ash and gas plumes
Coffee Break			
	10:45-11:30	Claudia Corradino	Volcanic Gas and Ash Dispersion Modeling from Geostationary Satellite Image Sequences: A Deep Learning Model for Near Real-Time Nowcasting
	11:30-12:15	Roberto Sulpizio	Assessing tephra fallout hazard integrating field data and numerical modelling through probabilistic workflows

	12:15-13:00	Silvia Massaro	Local-scale volcanic gas dispersion modelling: examples of passive and density-driven regimes
Lunch			
Session 5: Volcanic lakes (L. Charlet & C. Mériaux)	AFTERNOON		
	14:30–15:15	Keynote Speaker: Francois Darchambeau	Volcanic Risk and Methane Extraction in Lake Kivu: A Delicate Trade-Off
	15:15-16:00	Julyan Cartwright	Bubble Plumes in Nature
	16:00-16:30	Open discussion	
Coffee Break			
	17:00-17:45	Discussion on EAIFR Capacity Building (Speakers) Chairs: Edward Ntim Gasu & Catherine Meriaux	Discussion how to make your PhD successful (Participants) Chairs: EAIFR PhD Students

DAY 4 September 2025	Time (CAT)		Abstract
Session 6: Volcanic particle & soils (A. Costa & C. Meriaux)	MORNING		
	9:00-10:00	Keynote Speaker: Benjamin Gilbert	Formation and Properties of Nanoparticles in Earth Systems
Coffee Break			
	10:30-11:15	Guillaume Nyagatare	Balancing Productivity and Plant Health: A Field Evaluation of Tillage and Mulching Practices in Rwandan Andosols

	11:15-12:00	Vicky Ryganzu	Spatial variability and function of soil properties in the pedo-geomorphological processes of western and Northern Rwanda
	12:00-12:45	Laurent Charlet	The physics of nanoparticles present in volcanic soils: impact on fertility and erosion susceptibility
Lunch			
Session 7: Volcanoes and Climate Change (V. Pinel & C. Mériaux)	AFTERNOON		
	14:30–15:15	Keynote Speaker: Clive Oppenheimer	Large volcanic eruptions, climate change and world history
	15:15-15:30	Davide ZanchettIn	Volcanoes and climate: piecing together the puzzle
Coffee Break			
	16:00-16:45	Tamsin Mather	Why it is important to understand volcanic degassing to understand past, present and future climate and environment
	16:45: 18:30	MOVIE Into the Inferno	

DAY 5 September 2025	Time (CAT)		Abstract
Session 8: Health and Volcanoes (L. Charlet & S. Massaro)	MORNING		
	8:30-9:30	Keynote Speaker: Sarrah Latifa Kazi	Lysosomal membrane permeabilization by volcanic nanotubes and other (aluminosilica) particles: key physical and/or chemical

			common inflammation mechanism to podoconiosis, silicosis and asbestosis
Coffee Break			
	10:00: 10:45	Mwumvaneza Mutagoma	Climate change related diseases in Western Rwanda: the Mugonero Hospital case
	10:45-11:30	Alexandra Gourlan	State of the Art and a Future Application to Podoconiosis
	11:30-12:00	Poster Prize	
	12:00: 13:00	Closing Ceremony	-Dr Calatayud Paul-André, IRD Representative in East Africa (Nairobi), IRD Dr Barbara Akaliza, Chief Geohazards Officer, RMB
Lunch			
	AFTERNOON		
	14:30–17:30	Genocide Memorial	