

Pre-Conference Workshop
10th (Virtual meeting), 17th - 18th September 2024 (In-Person Meeting)
 Dar Salem, Tanzania

Theme: Multimodal and Correlative Imaging for MRI Scientists.

Day	Time (GMT)	Topic	Speaker
VIRTUAL LECTURES			
Moderators: Adesola Adepoju/ Godwin Ogbole			
	08:00 - 08:10	Opening remarks	Godwin Ogbole University of Ibadan, Nigeria Radiologist
	08:10 – 9:00	<i>Introduction to MRI physics</i>	Mariama Salifu
	9:00 – 9:50	<i>Understanding Brain MRI Anatomy</i>	Emmanuel Jackson / Korle Bu Teaching Hospital, Ghana/ Radiologist
	9:50 – 10:40	<i>Basic MRI Techniques/Sequences</i>	Andrew Webb / Leiden University Medical Center, Netherlands/ Medical Physicist
	10:40-11.30	<i>MRI Artefacts</i>	Thomas O’Kell / WIN/FMRIB, NDCN, University of Oxford, United Kingdom/ Biomedical Engineer
	11.30-12 Noon	Break (30-minute)	
	12.00 - 12:50	<i>Health Care Informatics applications or Image quality in low-field MRI, Measurement, repeatability and Improvement</i>	Sairam Geethanath Icahn School of Medicine Mt. Sinai, USA/ Biomed Engineer
	12:50 - 13:40	<i>Recent MRI Research and Innovations/</i>	Mark Chiew / University of Toronto, Canada mark.chiew@utoronto.ca/ Biomedical Engineer
	13:40 - 14:30	<i>MRI Equipment and Maintenance</i>	Ofere Ayodeji Gbenga Nigeria/ Biomedical Engineer
	14:30 - 15:20	<i>Magnetic Resonance Spectroscopy at high and ultralow field or metabolic MRI</i>	Itamar Ronen, PhD Academic Director, Clinical Imaging Sciences Centre, Chair in Medical Physics Brighton and Sussex Medical School
	15.20-15.30	<i>Summary /Closing remarks</i>	Johnes Obungoloch

Tuesday, 17th September 2024	WORKSHOP DAY 1		
	8: 00- 09:00	<i>Registration</i>	Adepoju Adesola
	9:00 - 10:00	<i>Keynote/opening ceremony Introductions</i>	Godwin Ogbole
	10:00 – 10:30	AI Contributions in MRI	Mariama Salifu
	10:30 – 11:00	Understanding low-field MRI	Andrew Webb
	11:00 - 11:30	Tea break/breakfast	
	12:00 - 12:40	Overview of Clinical Applications of MRI	Farouk Dako
	12:40-13.20	Advanced MRI Techniques: future use of ULF systems	Itamar Ronen
	13:20 - 14:00	Lunch	
	14:00 -14:40	Introduction to Multi-Modal Imaging in Neuroimaging	Nivedita Agarwal
	14:40 -15:20	Advancing Silent MRI: Introduction to Looping Star fMRI and Its Potential Benefits in Low-Resource Settings	Douglas Noll
	15:20 - 16:00	Physiological MRI: Emerging techniques and clinical applications	Iris Asllani
	16:00 - 16:40	Basics of Correlative Imaging with Ultralow field MRI	Louis Eke
16:40-17:20	Basic Understanding of Advanced MRI Sequences for Brain Imaging	Frank Minja	
Wednesday, 18th September 2024	WORKSHOP DAY 2		
	08:00 – 10:00	Masterclasses sessions I 1. Case-based lectures (instructor-selected topics) 2. Round Table/ Interactive sessions	Radiographers: Nina Salman (Lead) Petronella Samuels Patricia Solomons Euniance Bandio Biomed Engineers/MR Physicists: Johnes Obungoloch / Theophilus Sackey (Leads) Radiologists: Nivedita Agarwal Farouk Dako,
	10:00 – 10:30	Tea break/breakfast	
	10:30 –11:30	Masterclasses sessions II 1. MRI practice and techniques (instructor-selected topics)	SAME INSTRUCTOR TEAMS Break out sessions
	11:30-13:00	2. Career guidance/ Mentorship Panel Frank Minja/Sean Deoni / Rachel Obed/ Klenam Dzefi-Tetty	
	13:00 –14:00	Lunch	
	14:00-14:45	Educational lecture: TBD	Derek Jones

	14:45-15:00	Distribution to Groups_ MRI Centre Visits	Ugumba Kwikima/ Lilian Salingwa
	15:00 –18:00	1 - Aga Khan Hospital 2 - Besta Super specialised polyclinic and Diagnostic centre 3 – Muhimbili National Hospital- Mloganzila 4- Muhimbili National Hospital-Upanga 5- Muhimbili Orthopaedics Institute Practical demos & focused discussion (Hyperfine, RAD-AID, Siemens, Philips/GE)	Session Leads Radiographers: Nina Salman/ Patricia Solomons Biomed Engineers/ Physicists: Johnes Obungoloch / Theophilus Sackey/Rehema Ramadhani Radiologists: Nivedita Agarwal / Ugumba Kwikima/ Frank Minja
	18:00 –19:00	2nd ISMRM Africa Conference Registration begins	
			Mary Kamuzora LOC Chair
Thursday, 19th September 2024	18:00 –21:00	<i>The Art of African MRI (TAAM) Fashion Show</i> <i>Hyatt Regency Garden Hall</i>	
			Godwin Ogbole Iris Asllani Anthonia Ikpeme Lulu Fundikira
Saturday, 21st September 2024	08:00-17:00	<i>Tourism:</i> <i>visit to Zanzibar Resort (optional)</i> <i>Contact: Adesola: adepojuadesola09@gmail.com)</i>	
			Godwin Ogbole Sola Adepoju Iris Asllani

19th to 21st September.
Hyatt Regency, Kilimanjaro Hotel, 24 Kivukoni Rd, Dar Es Salaam Tanzania
<https://event.fourwaves.com/ismrmac/>

CONFERENCE DAY 1					
Day	Time	Activity	Speaker	Moderator/Speaker	
Thursday, 19 September	7:00 - 8:00	Registration continues		Mary Kamuzora	
	8:00 - 9:00	Scientific session A: Medical Imaging Device Design and Innovations		Deo-gratius Mzurikwao/Nash	
	9:00-10:00	Educational Lecture: TBD	Mara Cercignani CUBRIC Cardiff Steve Williams: King's College London Itamar Ronen: Brighton and Sussex Medical School	Lulu Fundikira	
	10:00 - 10:30	Refreshment break			
	10:30 - 11:45	Welcome & Opening Ceremony		Mary Kamuzora	
	11:45-12:15	Exhibition / Poster session (viewings)		Zurakat-Aderibigbe Sekinat /Mwajuma Jumbe	
	12:15 - 13:00	Opening Plenary TBD	Andre Van-der Kowe avanderkouwe@mgh.harvard.edu Athinoula A. Martinos Center for Biomedical Imaging, Massachusetts General Hospital, Boston, USA	Dr Flora Iwakatare	
	13:00-13:10	Sponsored talks (Platinum sponsor)		Euniace Bandio	
	13:10 - 14:00	LUNCH			
		Pararrel scientific sessions B/ C			
	14:00-15:30	Scientific session B: Advancing understanding of health and disease (Main Hall)		Frank Minja /Irene Mhalu	
	15:30	Scientific session C: AI Machine Learning in Medical Imaging (lake Victoria)		Farouk Dako/ Betty H.Urassa	
	15: 30-16:00	TEA BREAK			
	16:00-17:00	Educational Lecture TBD	Mary T. Mayige/ Ntobeko Ntusi	Lulu Sakafu	
18:00 - 21:00	The Art of African MRI (TAAM) Fashion Show Hyatt Regency Garden Hall		Godwin Ogbole Iris Asllani Anthonia Ikpeme Lulu Fundikira		

CONFERENCE DAY 2

Day	Time	Activity	Speaker	Moderator/Speaker	
Friday, 20 September	8:00 - 9:00	Educational Lecture:	Frederick Lyimo	Kwikima Ugumba	
	9:00 - 10:00	Scientific Session D: Improving healthcare with medical imaging		Theophilus Sackey/Flora Lwakatare	
	10:00 - 10.30	TEA BREAK			
	10:30 - 12:00	Symposium: Medical Imaging Accessibility			Samuel Asiamah Joel Bwemero
		Overcoming Geographic Barriers in MRI Access:	Derek Jones		
		Policy and Funding Strategies for Improving Imaging Accessibility in Africa	Lulu Fundikira/ Lulu Sakafo		
		Democratising MRI with ULF systems	Sean Deoni		
		Novel approaches in fMRI in low-resource settings	Douglas Noll		
		Training and Education for MRI Technicians in Resource-Limited Settings:	Euniace Bandio		
	12:00-12:30	Sponsored talks		Euniace Bandio	
	12:30 - 13:30	LUNCH			
	13:30 - 14:15	Poster Session			
	14:15 - 15:15	Scientific Session E: Clinical Imaging and Innovations		Frances Robertson	
	15:15-16:00	Closing Plenary: TBD	Nivedita Agarwal	Jackline Thairu	
16:00:16:15	TEA BREAK				
16:15 - 18:00	AGM	Johnes Obungoloch			