



**8th ANNUAL SOUTHERN AFRICA MALARIA RESEARCH
CONFERENCE**

1 – 3 AUGUST 2023

VENUE: RH HOTEL, PRETORIA

**CONFERENCE THEME: “ON THE ROAD TO
ELIMINATION...ARE WE THERE YET?”**

PROGRAMME ORAL PRESENTATIONS

DAY 1: TUESDAY, 1 AUGUST 2023

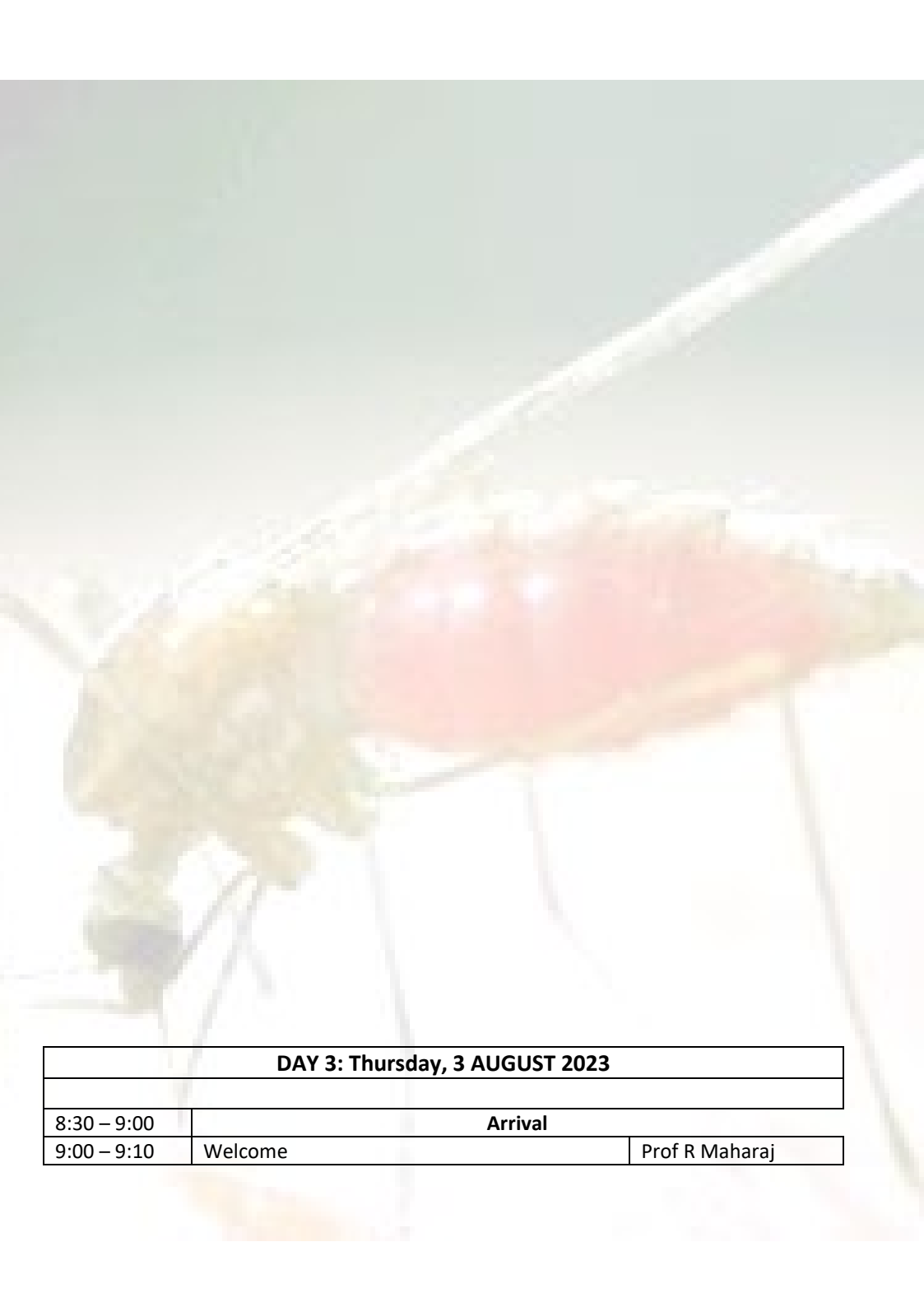
8:30 – 9:00		
8:30 – 9:00	Arrival	
9:00 – 9:10	Welcome	Prof G Gray (SAMRC CEO & President)
9:10 – 9:30	Opening of conference	Dr Sibongiseni Dhlomo, MP Deputy Minister of Health
9:30 – 9:50	Keynote Address: India's Progress towards malaria control and Elimination	Dr R Kumari (WHO)
9:50 – 10:10	Plenary: South Africa's Progress towards meeting the 2023 goal of malaria elimination	Ms MB Shandukani (NDoH)
10:10 – 10:30		
HEALTH BREAK		
Thematic Area: Surveillance		
Chairpersons: Ms B Shandukani & Dr N Morris		
10:30 – 10:45	Multidisciplinary approach for the evaluation of the effectiveness of insecticides-treated mosquito nets on the transmission of malaria in an agricultural area in Cote D'Ivoire	Mr H Beke (NMCP Cote D'Ivoire)
10:45 – 11:00	Where Will It Go? The Possible Spread of <i>Anopheles stephensi</i> in Kenya	Ms S Kamunya (UCT)
11:00 – 11:15	Asymptomatic malaria carriage sustains malaria transmission in localities nearing elimination: evidence from the Foci Clearing Programme	Dr B Letinic (NICD)
11:15 – 11:30	Impact of COVID-19 on the prevalence and distribution of malaria and molecular markers of antimalarial drug resistance in Mpumalanga Province (2017-2022)	Dr I Kleinhans (Sefako Makgatho Health Sciences University)
11:30 – 11:45	Evaluation of microscopy results from the KwaZulu-Natal Malaria Control Programme, South Africa	Mr E Marubini (NICD)
11:45 – 12:00	Malaria in Botswana: what we learned and new challenges	Prof GM Paganotti (Botswana University of Pennsylvania Partnership)

12:00 – 13:00	HEALTH BREAK & POSTER VIEWING	
<i>Thematic Area: Surveillance</i> <i>Chairperson: Ms B Shandukani & Dr N Morris</i>		
13:00 – 13:15	Drivers of malaria in the eastern Vhembe District, Limpopo Province	Ms M Shanahan (UP)
13:15 – 13:30	Updating malaria vectors distribution range: Implications for malaria elimination in KwaZulu-Natal Province	Dr P Tshikae (KZN MCP)
13:30 – 13:45	Malaria parasite burden in Gaza and Inhambane provinces, Mozambique	Prof R Maharaj (SAMRC)
<i>Thematic area: Regional and Cross Border Malaria</i> <i>Chairpersons: Drs C Sikaala & D Moonasar</i>		
13:45 – 14:00	The knowledge, attitudes and practices of malaria and COVID-19 in outpatients, Johannesburg, South Africa	Mrs H Chen (WITS)
CLOSE OF DAY 1		

DAY 2: WEDNESDAY, 2 AUGUST 2023

DAY 2: WEDNESDAY, 2 AUGUST 2023		
8:30 – 9:00	Arrival	
9:00 – 9:10	Welcome	Prof R Maharaj
9:10 – 9:30	Plenary: The need for continued vector surveillance whilst pursuing the elimination goal	Prof BD Brooke
Thematic area: Vector Biology & Control Chairpersons: Prof B Brooke & Dr P Tshikae		
9:30 – 9:45	Malaria entomology and insecticide resistance in Vhembe District, Limpopo Province, a high disease burden region of South Africa.	Ms K Kachali (UP)
9:45 – 10:00	Characterisation of bacterial symbionts of the <i>An. funestus</i> group from KwaZulu-Natal	Dr C Chen (NICD)
10:00 – 10:15	Larvicidal activity of oleic acid against <i>Anopheles arabiensis</i> .	Mrs P Dzingai (UP)
10:15 – 10:30	Adult <i>Anopheles funestus</i> from different geographical localities differ in response to similar mating stimuli in captivity	Mr P Mrosso (WITS)
10:30 – 10:45	HEALTH BREAK AND POSTER VIEWING	
Thematic area: Vector Biology & Control Chairpersons: Prof B Brooke & Dr P Tshikae		
10:45 – 11:00	Assessment of outdoor biting patterns of <i>Anopheles</i> mosquitoes sampled from animal shelters in uMkhanyakude and Zululand Districts: implications to current malaria elimination strategies	Dr P Tshikae (KZN MCP)
11:00 – 11:15	The right mosquito for the right job: What makes a susceptible mosquito?	Dr S Oliver (WITS)
11:15 – 11:30	Pollutants, pathogens, and ponds: a potential game changer in malaria vectorial capacity of anophelines from Mpumalanga province	Ms K Noeth (WITS)
11:30 – 11:45	House screening reduces exposure of indoor biting and resting malaria vectors- evidence from rural south-east Zambia	Mr K Saili (UP)
11:45 – 12:00	Community-based indoor residual spraying (IRS) to improve household IRS coverage in	Mr S Kasonde (Isdell: Flowers)

	rural communities in Situlu, Sikongo District, Zambia	CBMI-Anglican Diocese of Lusaka)
12:00 – 12:15	“We sleep like kings, peacefully” - Community perceptions, acceptability, and the durability of house screening interventions against exposure to malaria vectors in Nyimba district, Zambia	Mr K Saili (UP)
12:15 – 12:30	So near but so far away: Indoor versus outdoor malaria transmission in an area targeted for malaria elimination	Dr P Tshikae (KZN MCP)
12:30 – 12:45	The gut mycobiome of laboratory-reared and the first filial generation of the major malaria vector <i>Anopheles arabiensis</i> Patton (Diptera: Culicidae).	Ms A Singh (WITS)
12:45 – 13:45	HEALTH BREAK AND POSTER VIEWING	
<i>Thematic area: Advocacy for malaria elimination</i> <i>Chairpersons: Prof R Maharaj & Dr T Kruger</i>		
13:45 – 14:00	Enhancing use of the 24-hours Malaria Notification Electronic Application , MalariaConnect, for outbreak Preparedness and Response	Ms G Malatje (Mpumalanga MCP)
14:00 – 14:15	Faith Leader Advocacy for Malaria Elimination (FLAME) in Namibia: innovation for policy and budget advocacy on the road to elimination	Rev. L Ngube (Faith Leader Advocacy for Malaria Elimination (FLAME)
14:15 – 14:30	Successful Budget Advocacy by Zambia’s Faith Leader Advocacy for Malaria Elimination Coalition	Bishop David Masupa (FLAME Zambia)
14:30 – 14:45	Transformation takes time and consistent engagement: engaging local clergy and traditional leaders to increase IPTp uptake among pregnant women in program areas of the Anglican Diocese of Harare’s Isdell:Flowers Cross Border Malaria Initiative in Mas	Ms P Mutowo (Isdell: Flowers CBMI-Anglican Diocese of Harare)
	Close of day 2	



DAY 3: Thursday, 3 AUGUST 2023		
8:30 – 9:00	Arrival	
9:00 – 9:10	Welcome	Prof R Maharaj

9:10 – 9:30	Plenary: The need for regional collaboration in pursuing an elimination goal	Dr D Moonasar (WHO)
Thematic area: Parasite Biology & Control		
Chairperson: Dr J Raman		
9:30 – 9:45	Chemically probing the biology of <i>Plasmodium falciparum</i> using anti-cancer inhibitors	Mr H Langeveld (UP)
9:45 – 10:00	Integrated chemical and genetic interrogation strategies to elucidate PfMyb1 function in <i>Plasmodium falciparum</i>	Mr S Tshabalala (UP)
10:00 – 10:15	Reverse genetic analyses of amino acid transporters in early gametocyte stages of <i>Plasmodium falciparum</i> parasites.	Ms M Mare (UP)
10:15 – 10:30	Evaluation of novel nano delivery systems for long-lasting antimalarial drug release	Ms M Muruya (UP)
10:30 – 10:45	HEALTH BREAK	
Thematic area: Innovation for Elimination		
Chairperson: Prof C de Jager		
10:45 – 11:00	Using innovative technologies for data collection and management during the malaria prevalence survey in Mozambique	Mr I Seocharan (SAMRC)
PRESENTATIONS		
11:00 – 11:15	Announcement and presentation of conference awards	Prof R Maharaj
11:15 – 11:30	Laudation of Lifetime Achievement Award	Prof K Barnes
11:30 – 11:45	Acceptance	
11:45 – 12:00	Vote of thanks and closure	Prof R Maharaj
12:00 – 13:00	HEALTH BREAK	