

SA HEART CONGRESS 2017

Provisional Scientific Programme



THURSDAY 9 NOVEMBER				
PRE-CONGRESS WORKSHOPS				
07h00	Workshop Registration – Sandton Convention Centre Ballroom Foyer Level 2			
VENUE	COMMITTEE ROOM 1 (LEVEL 4)	BALLROOM 3	BALLROOM 4	BOARDROOM 4
	CVD Imbizo		Echocardiography	Cardiac Surgical
	09h00 – 16h30		09h30 – 16h00	09h00 – 17h00
CHAIR	Liesl Zühlke Karen Sliwa		Alfonso Pecoraro Philip Herbst	Eric Klug Jacques Janson
	<p>Meeting the challenges of treating heart disease in Africa & South Africa</p> <p>Purpose of the Meeting Liesl Zühlke (10 mins)</p> <p>Global burden of NCDs: The view from South Africa Debbie Bradshaw (20 mins)</p> <p>South Africa leads the way with a sugar tax Lynn Moeng-Mahlangu, Chief Director for Nutrition, Health Promotion and Oral Health (20 mins)</p> <p>The Lancet commission for NCDs in developing countries Ana-Olga Mocumbi (20 mins)</p> <p>The role of the health insurer: Wellness vs Health Ryan Noach, Discovery (20 mins)</p> <p>Public Private partnerships: A win-win solution? Amy Wolfe (20 mins)</p> <p>Questions and Discussion (10 mins)</p>		<p>Cardiac Imaging Society of South Africa (CISSA) & Mayo Clinic, USA</p> <p>Welcome</p> <p>2D image acquisition: getting the perfect view Naser Ammash (USA) (20 mins)</p> <p>How to accurately assess and report LV systolic function Philip Herbst (20 mins)</p> <p>Echocardiographic assessment of the right ventricle Ferande Peters (20 mins)</p> <p>Echocardiography after surgery for congenital heart disease Naser Ammash (USA) (20 mins)</p> <p>Echocardiography after stroke – where to look Vuyisile Nkomo (USA) (20 mins)</p>	<p>Surgical aortic valve replacement vs TAVR</p> <p>Minimally invasive AVR in the current era of aortic valve therapies Jacques Scherman (20 mins & 10 mins questions)</p> <p>The role of the surgeon in the TAVI procedure: past, present and future Gill Bolotin (Israel) (20 mins & 10 mins questions)</p> <p>Biological vs mechanical aortic valve replacement in the middle age patient; age cut off for future TAVR Johan Brink (20 mins & 10 mins questions)</p>
	11h00 – 11h15 Refreshments – Exhibition Hall		11h10 – 11h30 Refreshments – Exhibition Hall	10h30 – 11h00 Refreshments – Exhibition Hall

SA HEART CONGRESS 2017

Provisional Scientific Programme



THURSDAY 9 NOVEMBER				
PRE-CONGRESS WORKSHOPS				
VENUE	COMMITTEE ROOM 1 (LEVEL 4)	BALLROOM 3	BALLROOM 4	BOARDROOM 4
	CVD Imbizo 11h15 – 13h00	Cardiology for the Non-Cardiologist 12h00 – 17h00	Echocardiography 11h30 – 13h10	Cardiac Surgical Mitral valve left atrial appendage and rhythm 11h00 – 13h00
CHAIR	Francis Smit Lungile Pepeta	Len Steingo Nqoba Tsabedze	Alfonso Pecoraro Philip Herbst	Martin Sussman Gil Bolotin
	Sustainable Development Goals: How can we achieve them in South Africa? The role of cardiology and cardiac surgery associations Fuston Pinto (Portugal), ESC Pamela Naidoo, HSFSA Karen Sliwa, WHF Liesl Zuhlke, SA Heart Mpiko Ntsekhe Secretary-General South Region PASCAR (10 mins each) Panel Discussion (20 mins) Practical examples from the field: What can we learn from private practice? Farrel Hellig & Mpiko Ntsekhe (30 mins)	Cardiology Symposium for General Practitioners, Physicians and Anaesthetists Welcome Len Steingo (10 mins) HeFSSA HF Guideline 2017 What is New? Martin Mpe (30 mins) Pulmonary embolism – Diagnosis and management Len Steingo (30 mins)	A tale of two hearts (strain for valvular heart disease) Sorin Pislaru (USA) (20 mins) Evaluation of the heart of an athlete Naser Ammash (USA) (20 mins) Evaluation of mitral regurgitation after surgical repair Vuyisile Nkomo (USA) (20 mins) Tricuspid valve evaluation Alfonso Pecoraro (20 mins) Evaluation of mitral stenosis Anton Doubell (20 mins)	Mitral valve repair: respect or resect? Jacques Janson (20 mins & 10 mins questions) Aspects of AF Surgery in 2017 Jacques Scherman (20 mins & 10 mins questions) Does the left atrial appendage matter? Larry Rampini (15 mins) Mitral valve surgery in 2017: What is hot in Europe? Volkmar Falk (Germany) (20 mins & 10 mins questions)
LUNCH	13h00 – 14h00		13h10 – 14h00	13h00 – 14h00
	CVD Imbizo 14h00 – 15h00	Syncope – An approach to the diagnosis Ashley Chin (30 mins)	Echocardiography 14h00 – 15h00	Cardiac Surgical Pulmonary Embolism 14h00-15h00
CHAIR	Mpiko Ntsekhe Andrew Sarkin	STEMI – time is muscle Adriaan Snyders (30 mins) Novel Diabetic Drugs and Cardiovascular Outcomes Nazeer Mohamed (30 mins)	Alfonso Pecoraro Philip Herbst	Rob Girdwood Paul Williams
	Training of cardiac surgery and cardiology in South Africa • Nasheeta Peer, Non-Communicable Diseases Research Unit (15 mins) • Andrew Sarkin, Cardiology, University of Pretoria, (10 mins) • Lungile Pepeta, Dean FHS (10 mins) • Richard Nthondonda, Cardiology, Wits University (10 mins) • Maurice Goodman, Discovery Foundation (15 mins) Panel Discussion		Evaluation of atrial septal defects Alfonso Pecoraro (20 mins) Comprehensive evaluation of aortic stenosis Sorin Pislaru (USA) (20 mins) Pericardial constriction in a nutshell Philip Herbst (20 mins)	Is there a role for surgery in acute pulmonary embolism? Martin Sussman (20 mins & 10 mins questions) An update on CTEPH surgery Tim Pennel (20 mins & 10 mins questions)

SA HEART CONGRESS 2017

Provisional Scientific Programme



	15h00 – 15h15 Refreshments – Exhibition Hall	15h00 – 15h20 Refreshments – Exhibition Hall	15h00 – 15h20 Refreshments – Exhibition Hall	15h00 – 15h20 Refreshments – Exhibition Hall
THURSDAY 9 NOVEMBER				
PRE-CONGRESS WORKSHOPS				
VENUE	COMMITTEE ROOM 1 (LEVEL 4)	BALLROOM 3	BALLROOM 4	BOARDROOM 4
	CVD Imbizo 15h15 – 16h30	Cardiology for the Non-Cardiologist 15h20 – 17h00	Echocardiography 15h20 – 16h00	Cardiac Surgical Coronary artery bypass grafting 15h20 – 17h00
CHAIR	Pindile Mntla John Lawrenson		Alfonso Pecoraro Philip Herbst	Jaco Botha Larry Rampini
	Vision 2030: Where do we see CVD in 20 years and how can we work to improve it? Sandhya Singh, Department of Health (25 mins) Questions (10 mins) Practical examples from the field: What can we learn from existing models? Francis Smit (20 mins) Questions, next steps and summary Tawanda Batau Liesl Zühlke (20 mins)	Information ethics and POPI Gale Ure (30 mins) Warfarin vs NOACS in atrial fibrillation Ronnie Jardine (30 mins) ECG Interactive session Brian Vezi Nqoba Tsabedze (30 mins) Close Nquoba Tsabedze (10 mins)	Interesting cases from the Mayo Clinic including quiz Vuyisile Nkomo (USA) (20 mins) Interesting cases from South Africa including quiz Alfonso Pecoraro (20 mins)	An update on the current literature of CABG David Taggart (UK) (20 mins & 10 mins questions) What does MID-CAB offer us in the current age? Volkmar Falk (Germany) (20 mins & 10 mins questions) Grafts: optimal conduit strategy for CABG in in 2017 David Taggart (UK) (20 mins & 10 mins questions) Personal experience with VEST in Windhoek Henning du Toit (Namibia) (10 mins)
			CISSA AGM	

SA HEART CONGRESS 2017

Provisional Scientific Programme



THURSDAY 9 NOVEMBER	
15h00	CONGRESS REGISTRATION
PLENARY SESSION 1	Opening Function & Guest Lecture CHAIR: David Jankelow & Eric Klug
VENUE	BILL GALLAGHER ROOM
17h15 – 19h00	<p>Opening & Welcome</p> <p>Professor Liesl Zühlke – President SA Heart (5 mins)</p> <p>Professor Fausto Pinto – ESC Past President (5 mins)</p> <p>David Jankelow – SA Heart 2017 Congress Chair (5 mins)</p> <p>Innovations in heart failure</p> <p>John McMurray (UK) (30 mins)</p> <p>50th Anniversary of the First Heart Transplant video</p> <p>A global perspective of the race to the first heart transplant - Donald McRae (UK) (25 mins)</p> <p>My story, my mountain, my transplant - Kelly Perkins (USA) (15 mins)</p> <p>Honorary Awards presented by Liesl Zühlke and David Jankelow</p> <p>Professor Johan Brink Dr Graham Cassel Dr Willie Koen Dr Susan Vosloo</p> <p>Close</p> <p>David Jankelow</p>
19h00	Welcome & Trade Preview – Exhibition Hall

SA HEART CONGRESS 2017

Provisional Scientific Programme



FRIDAY 10 NOVEMBER		
07h30 – 08h15	GE Health Care Sunrise Breakfast Symposium Technology in the Cath Lab; Beyond Angiography - Dr Ahmed Khashaba	Ballroom 3
PLENARY SESSION 2	Innovations in Cardiovascular Medicine	CHAIR: Pravin Manga, Fausto Pinto & Jacques Scherman
VENUE	BILL GALLAGHER ROOM	
08h30 – 10h30	Personalised care for heart failure John McMurray (UK) (20 mins) TAVR for moderate / intermediate risk patient with Aortic Stenosis Surgical perspective Volkmar Falk (Germany); Interventional perspective Farrel Hellig (15 mins & 5 mins) Will mitral valve percutaneous interventions be TAVR2? Azeem Latib (Italy) – Surgical comment Gil Bolotin (Israel) (15 mins & 5 mins) Is CTO revascularisation justified? Quality of life and survival. Approach for medical therapy vs percutaneous intervention vs coronary bypass surgery David Taggart (UK), Farrel Hellig, Mpiko Ntsekhe (7 mins each) Cardiac Implantable Electronic Devices - What have we learnt and where are we going? Michael Gold (USA) (20 mins) Q&A (19 mins)	
10h30 – 11h00	Refreshments – Exhibition Hall	

SA HEART CONGRESS 2017

Provisional Scientific Programme



FRIDAY 10 NOVEMBER					
PARALLEL SESSION 1					
VENUE	BILL GALLAGHER ROOM	BALLROOM 2	BALLROOM 3	BALLROOM 4	BOARDROOM 6&7
11h00 – 13h00	ESC Session Case studies highlighting the ESC Valvular Heart Guidelines	PAEDIATRICS Dr Gcina Dumani Heart Failure Summit		ALLIED Love Life, Gift Life Allied Transplant Session	SASCAR Novel Insights in Hypertension
CHAIR	John McMurray Rafique Essop Anton Doubell	Lungile Pepeta Firoza Motara		Magdalena Petersen Carol Makhanya	Sandrine Lecour
	<p>The SHARE-TAVI Registry 1-year results - how do we compare? Elizabeth Schaafsma (5 mins & 2 mins questions)</p> <p>TAVR and micro-leaflet thrombosis David Jankelow (5 mins)</p> <p>Bioprosthetic valve thrombosis Eric Klug (5 mins)</p> <p>ESC Comment Carlos Acquiari (Portugal) (10 mins)</p> <p>Q&A / Discussion (10 mins)</p> <p>Bioprosthetic valves – what valve for what age? Alosha Singh (5 mins)</p> <p>ESC Comment Volkmar Falk (Germany) (10 mins)</p> <p>Q&A / Discussion (10 mins)</p> <p>Clotted mechanical valve in a pregnant woman Don Zachariah (5 mins)</p> <p>ESC Comment Fausto Pinto (Portugal) (10 mins) Q&A / Discussion (10 mins)</p>	<p>Echocardiographic assessment of the failing heart Mark Friedberg (Canada) (20 mins)</p> <p>Novel strategies in management of HF in Paediatrics Robert Shaddy (USA) (20 mins)</p> <p>LV assist devices for Paediatric Heart Failure – short and long term Christina VanderPluym (USA) (20 mins)</p> <p>Atrioventricular valve repair: The limits of operability and predictors of failure Francis Fynn-Thompson (USA) (20 mins)</p> <p>Inherited Arrhythmias Sally Ann Clur (Netherlands) (20 mins)</p> <p>Congenital Long-QT Syndrome associated with complete atrioventricular block. A case report Samkelo Jiyana (6mins & 2 mins discussion)</p>		<p>Session welcome Maggie Petersen (5 mins)</p> <p>The path leading up to transplant Marlize Frauendorf (15 mins)</p> <p>Psychological journey of transplant Tascha Meredith (15 mins)</p> <p>Getting the patient to and through their transplant Chantal Mostert (15 mins)</p> <p>How do we do a heart transplant Agneta Geldenhuys (5 mins)</p> <p>Preparing the patient to go home Anne Hayward (15 mins)</p> <p>Introducing the patient Shaylene Perry (5 mins)</p> <p>The long road ahead Brian Jude (15 mins)</p> <p>Myths around organ transplants Kelly Perkins (USA) Agneta Geldenhuys (10 mins)</p> <p>Love life, Gift life Shaylene Perry (10 mins)</p>	<p>Approaches and findings on the pathophysiology accompanying early vascular ageing Aletta Schutte (25 mins & 5mins)</p> <p>Role of sex on Beta-adrenergic-induced cardiac remodeling Frederic Michel (20 mins & 5mins)</p> <p>Hypertension-related differences in high-density lipoproteins Nicholas Woudberg (15 mins & 5mins)</p> <p>The relationship between oxidative stress-related markers and retinal microvascular structure and function in a bi-ethnic population: The SABPA study Wayne Smith (7 mins & 3mins)</p>

SA HEART CONGRESS 2017

Provisional Scientific Programme



	<p>Management of the bicuspid aortic valve and dilated aortic root Mmuso Mogwera (5 mins)</p> <p>ESC Comment Volkmar Falk (Germany) (10 mins)</p> <p>Q&A / Discussion (10 mins)</p>	<p>Acute viral myocarditis presenting with atrioventricular heart block and Stokes Adams attacks: Case report and literature review Mamaila Lebea (6mins & 2 mins discussion)</p>		<p>Thank you and closing Carol Makhanya (5 mins)</p>	
		Discussion		Discussion	SASCAR AGM
13h00 – 14h00	Lunch – Exhibition Hall		Poster Viewing – Abstract Café		
13h00 – 14h00	ESC Satellite sponsored by Boehringer Ingelheim New frontiers in Anticoagulation: from RE-DUAL PCI to reversal				
BALLROOM 3					
CHAIR	Fausto Pinto				
	<p>Antithrombotic strategies post PCI: past, present and future – Ronnie Jardine (30 mins)</p> <p>Dabigatran reversal when the unexpected happens - a first for South Africa – Rajen Moodley (15 mins)</p> <p>Panel Discussion (15 mins)</p>				

SA HEART CONGRESS 2017

Provisional Scientific Programme



FRIDAY 10 NOVEMBER					
PARALLEL SESSION 2					
VENUE	BILL GALLAGHER ROOM	BALLROOM 2	BALLROOM 3	BALLROOM 4	BOARDROOM 6&7
14h00 – 15h30	ESC SESSION Case studies highlighting ESC STEMI Guidelines & DAPT Update	PAEDIATRICS Pot Pourri	SURGICAL	CASSA	SASCAR
CHAIR	Thomas Alexander Gurpreet Sandhu Azeem Latib Graham Cassel	Antoinette Cilliers Hopewell Ntsinjana	Mandhir Munasur Jacques Scherman	Ashley Chin Eric Klug	Derick van Vuuren
	<p>STEMI in Africa Case Study – Thrombolytic therapy for STEMI in 2017 Ahmed Vachiat (5 mins)</p> <p>ESC: is there a role for thrombolysis in 2017? William Wijns (Ireland) (15 mins)</p> <p>Q&A / Discussion (10 mins)</p> <p>Case Study - STEMI and Cardiogenic Shock Menachem Levin (5 mins)</p> <p>ESC: Role for thrombectomy and assist device Fausto Pinto (Portugal) (15 mins)</p> <p>Q&A / Discussion (10 mins)</p> <p>Case Study - GIT bleed (carcinoma of the stomach) in a patient who has undergone PCI and DES implantation Andile Xana (5 mins)</p> <p>ESC: When DAPT needs to be stopped? Choice of scaffold and procedure; duration of DAPT; role for PPI Fausto Pinto (Portugal) (15 mins)</p>	<p>GUCH Heart Failure Robert Shaddy (USA) (20 mins)</p> <p>Haematological considerations of ventricular assist devices Christina VanderPluym (USA) (20 mins)</p> <p>Transcatheter valve interventions combining imaging and bio-engineering Andrew Taylor (UK) (20 mins)</p> <p>The fetal ductus – Innocent bystander? Stephen Brown (20 mins)</p> <p>An unusual case of Pulmonary Atresia with a tiny ventricular septal defect, a coronary cameral fistula from left coronary artery to the right ventricular outflow tract Godfrey Mbawala (6mins & 2 mins discussion)</p>	<p>Is Cardiac Transplantation still the gold standard treatment? A perspective of mechanical support technology in South Africa Willie Koen (5 mins & 5 mins questions)</p> <p>Innovative airway management solution Keren Worms-Bitton (5 mins & 5 mins questions)</p> <p>An audit of blood product usage in adult cardiac surgery at CMJAH/WITS cardiac unit – towards minimum or zero blood usage Shungu Mogaladi (5 mins & 5 mins questions)</p> <p>Role of OPCABG in 2017 David Taggart (UK) (20 mins & 10 mins questions)</p> <p>Recognition and management of acute graft closure (When does a fresh post-op CABG patient need to go to the Cath Lab?) Gil Bolotin (Israel) (20 mins & 10 mins questions)</p>	<p>Sub-clinical Atrial Fibrillation Michael Gold (USA) (20 mins)</p> <p>CRT non-responders Michael Gold (USA) (20 mins)</p>	<p>HIV-infection, but not high sensitivity CRP, is associated with vascular function: Results from the EndoAfrica study Hans Strijdom (25 mins & 5 mins)</p> <p>Cardio-protection is not associated with upregulation of mitophagy Amanda Lochner (7 mins & 3 mins questions)</p> <p>Anti-retroviral treatment is associated with increased cardiovascular risk in HIV-infected individuals from the Western Cape region Nyiko Mashele (7 mins & 3 mins questions)</p> <p>Development of a 3D cell culture RNA interference assay Emma Doubell (7 mins & 3 mins questions)</p> <p>Differential effects of fingolimod and other transient receptor potential melastation 7 (TRPM7) channel modulators on calcium paradox-induced myocardial injury in rat hearts Matthew Amoni (7 mins & 3 mins questions)</p>

SA HEART CONGRESS 2017

Provisional Scientific Programme



	Q&A / Discussion (10 mins)				Long-term stability of isolated human serum derived exosomes Candice de Boer (7 mins & 3 mins questions)
		Discussion (2 mins)		Discussion (10 mins)	
15h30 – 16h00	Refreshments – Exhibition Hall				

SA HEART CONGRESS 2017

Provisional Scientific Programme



FRIDAY 10 NOVEMBER					
PARALLEL SESSION 3					
VENUE	BILL GALLAGHER ROOM	BALLROOM 2	BALLROOM 3	BALLROOM 4	BOARDROOM 6&7
16h00 – 17h30	Innovative Strategies for the Prevention of Cardiovascular Disease	PAEDIATRICS Dr Gcina Dumani Paediatric Heart Failure Summit	SURGICAL Abstract Session		
CHAIR	Mpiko Ntsekhe Karen Sliwa Andrew Sarkin Frederick Raal	Viljee Jonker Kathy van der Donck	Francis Smit Tim Pennel		
	<p>A descriptive study in the prevalence of newly diagnosed glucose dysregulation in patients presenting with acute myocardial infarction at Charlotte Maxeke Johannesburg Academic Hospital Menachem Levin (5 mins & 2 mins discussion)</p> <p>New innovations in cardiovascular fitness; what is new? Exercise to reduce risk in healthy individuals Wayne Derman (20 mins)</p> <p>Dietary innovations and weight loss Gabriel Eksteen (20 mins)</p> <p>Revascularised coronary disease - When is it safe to exercise? How to exercise Martin Schwellnus (20 mins)</p>	<p>Transplant in paediatric heart failure Francis Fynn-Thompson (USA) (20 mins)</p> <p>Recovery potential of the paediatric heart Robert Shaddy (USA) (20 mins)</p> <p>LV assist devices as a bridge to transplantation Christina VanderPluym (USA) (20 mins)</p> <p>Cardiac Resynchronisation therapy in Congenital Heart Disease (Paediatric and GUCH) Adele Greyling (20 mins)</p> <p>Spectrum and age of presentation of Congenital Heart Disease in Kwa-Zulu Natal, South Africa Ebrahim Hoosen (6 mins & 2 mins discussion)</p>	<p>Extensive aortic replacement and supra-aortic extra-thoracic de-branching to treat aortic dissection Andras Hoffman (5 mins & 5 mins questions)</p> <p>The value of the Frozen Elephant Trunk for correction of acute type A aortic dissection Andras Hoffman (5 mins & 5 mins questions)</p> <p>Complex open-heart surgery post-aprotinin: Are we doing better? Keren Worms-Bitton (5 mins & 5 mins questions)</p> <p>Replacing the anterior mitral valve Leaflet with autologous jugular vein in a sheep model Jacques Janson (20 mins & 10 mins questions)</p> <p>The current status and future of cardiac surgery Volkmar Falk (Germany) (20 mins & 10 mins questions)</p>		
	Panel Discussion (20 mins)	Discussion (2 mins)			
17h30 – 18h45	SA Heart AGM – Bill Gallagher Room				
19h30	Faculty Dinner				

SA HEART CONGRESS 2017

Provisional Scientific Programme



SATURDAY 11 NOVEMBER		
07h30 – 08h15	Sanofi Sunrise Breakfast Symposium PCSK-9 inhibitors and cardiology: State of the art - Professor Frederick Raal	Ballroom 3
07h30 – 08h15	Chair: Louise Johnson	Ballroom 4
	Litha Healthcare Group Sunrise Breakfast Symposium Rationale, Methods, Results and interpretation of the effect of Lercandipine or Lercandipine / Enalapril combination on 24-hour blood pressure and blood pressure variability in treatment of naive patients with Stage 1 and 2 systolic hypertension - Professor Brian Rayner	
07h30 – 08h15	CASSA AGM	Ballroom 2
PLENARY SESSION 3	Innovations in Cardiovascular Medicine	CHAIR: David Taggart, Volkmar Falk & Eric Klug
VENUE	BILL GALLAGHER ROOM	
08h30 – 10h30	<p>Pulmonary angioplasty for chronic thromboembolic pulmonary hypertension Gurpreet Sandhu (USA) – Surgical comment Martin Sussman (15 mins & 5 mins comment)</p> <p>The role for ICD in the non-ischaemic CMO Michael Gold (USA) (20 mins)</p> <p>Hypertension targets: Sorting out the confusion Brian Rayner (15 mins)</p> <p>New biologics; confirming the LDL hypothesis; new therapies with extremely low LDL levels; safety thereof Frederick Raal (15 mins)</p> <p>Innovations in Cardiac Surgery Gil Bolotin (Israel) (20 mins)</p> <p>Characteristics and outcomes of severe and complicated hypertension in an urban area of Mozambique Naisa Manafe (5 mins & 2 mins questions)</p> <p>Clinical results of the C-Pulse system in patients suffering from moderate or severe heart failure Pascal Dohmen (5 mins & 2 mins questions)</p> <p>Panel Discussion (15 mins)</p>	
10h30 – 11h00	Refreshments – Exhibition Hall	

SA HEART CONGRESS 2017

Provisional Scientific Programme



SATURDAY 11 NOVEMBER				
PARALLEL SESSION 4				
VENUE	BILL GALLAGHER ROOM	BALLROOM 2	BALLROOM 3	BALLROOM 4
11h00 – 12h30	Innovation in Cardiac Imaging / Multi-modality Imaging	PAEDIATRICS Pot Pourri	SURGICAL	ALLIED Structural Heart Focus - Is it a windsock? Is it a cauliflower or is it a chicken wing? No, it's an LAA
CHAIR	Alfonso Pecoraro Darryl Smith Blanche Cupido Phillip Herbst	Fari Takawira Liesl Zühlke	David Taggart Johan Brink	Isabel Bender Kerry Moir
	<p>3D Printing; the future for cardiac medicine Andrew Taylor (UK) (20 mins)</p> <p>3D echocardiography: New toys, new rules Sorin Pislaru (USA) (20 mins)</p> <p>Where cardiac MRI made a difference Andrew Taylor (UK) (20 mins)</p> <p>Atherosclerotic imaging Vuyo Nkomo (USA) (20 mins)</p> <p>Clinical and echocardiographic characteristics of patients with infective endocarditis secondary to nyaope use at Chris Hani Baragwanath Hospital Ruchika Meel (5 mins & 2 mins questions)</p> <p>Echocardiographic assessment of left ventricular function in pre-eclampsia complicated by pulmonary oedema – Findings from the LV IMPACT study Bradley Griffiths (5 mins & 2 mins questions)</p>	<p>Surgery in the failing Fontan Francis Fynn-Thompson (USA) (20 mins)</p> <p>Echocardiography in patients after repair of tetralogy of Fallot delineating the mechanisms of right ventricular dysfunction Mark Friedberg (Canada) (20 mins)</p> <p>MRI imaging of the right heart Hopewell Ntsinjana (20 mins)</p> <p>Percutaneous pulmonary valve implantation: current status and complications Stephen Brown (20 mins)</p> <p>Characteristics of children presenting with Cardiomyopathy in an African setting – initial findings of the IMHOTEP registry Barend Fourie (6mins & 2 mins discussion)</p>	<p>Innovations from Africa in cardiac surgery Peter Zilla (20 mins & 10 mins questions)</p> <p>Research highlights from the Robert WM Frater Centre for Cardiovascular Research, Bloemfontein Francis Smit (20 mins & 10 mins questions)</p> <p>How I perform surgery for HOCM Volkmar Falk (Germany) (20 mins & 10 mins questions)</p>	<p>The fascinating world of left atrial appendage Chris Zambakides (15 mins)</p> <p>Introduction to Case 1 Mark Abelson (20 mins)</p> <p>Introduction to Case 2 Chris Zambakides (20 mins)</p> <p>How do I select the most appropriate device? Mark Abelson (10 mins)</p> <p>Treating Case 1 Chris Zambakides (10 mins)</p> <p>Treating Case 2 Mark Abelson (10 mins)</p> <p>Discussion and wrap up Chris Zambakides (5 mins)</p>
12h30 – 13h30	Lunch – Exhibition Hall	Discussion (2 mins)	Poster Viewing – Abstract Café	

SATURDAY 11 NOVEMBER				
PARALLEL SESSION 5				

SA HEART CONGRESS 2017

Provisional Scientific Programme



VENUE	BILL GALLAGHER ROOM	BALLROOM 2	BALLROOM 3	BALLROOM 4
13h30 – 15h00	SASCI STEMI	PAEDIATRICS Pot Pourri	SURGICAL Local Innovations	Digital Health
CHAIR	William Wijns Gurpreet Sandhu Dave Kettles Gavin Angel Adriaan Snyders Ahmed Vachiat	John Lawrenson Ebrahim Hoosen	Martin Sussman Willie Koen	David Jankelow Bongani Mayosi Nqoba Tsabedze
	<p>Innovations in coronary interventions. What's new and what's coming? Azeem Latib (Italy) (40 mins)</p> <p>Introduction to South African STEMI Programme & Dr Thomas Alexander Adriaan Snyders (5 mins)</p> <p>Developing a STEMI System of care the India STEMI experience Thomas Alexander (India) (20 mins)</p> <p>Potential impact of interventions that optimise patient referral on patient outcome Rhena Delport (10 mins)</p> <p>Multi-vessel Intervention in STEMI Thomas Alexander (India) (15 mins)</p>	<p>CMR Inter-stage assessment of the single ventricle including how modelling may be able to help Andrew Taylor (UK) (20 mins)</p> <p>Fontan surgery at high altitude Krubin Naidoo (20 mins)</p> <p>Ionising Radiation – How safe are we? Stephen Brown (15 mins)</p> <p>Role of Atrial decompression in the current era Lindy Mitchell (15 mins)</p> <p>Left ventricular isovolumetric relaxation time is prolonged in fetal long QT syndrome Sally-ann Clur (Netherlands) (6mins & 2 mins discussion)</p> <p>Rationale and design of the Protea Study: Partnerships in congenital heart disease in Africa. A North-South partnership in congenital heart disease (CHD) - establishment of a CHD cohort for aetiological, intervention and outcome studies in South Africa Liesl Zühlke (6 mins & 2 mins discussion)</p>	<p>A 5-year retrospective audit of mitral valve repair surgery at Tygerberg Hospital Mahmoud Al-naili (5 mins & 5 mins questions)</p> <p>Rheumatic Fever – what's new from a surgeon's perspective in 2017? Johan Brink (20 mins & 10 mins questions)</p> <p>My preferred devices for the surgical treatment of post-operative cardiogenic shock Volkmar Falk (Germany) (20 mins & 10 mins questions)</p> <p>Difficult scenarios for myocardial protection Gil Bolotin (Israel) (15 mins & 5 mins questions)</p>	<p>Healthcare in the 4th Industrial Revolution Phillip Raw (20 mins)</p> <p>The future of genomic precision cardiovascular medicine Bongani Mayosi (20 mins)</p> <p>Robotics and artificial intelligence; the impact on healthcare Tshilidzi Marwala (20 mins)</p> <p>Collecting your health data – impact on wellness Shrey Viranna (20 mins)</p>
		Discussion (4 mins)		Discussion (10 mins)
15h00 – 15h30	Refreshments – Exhibition Hall			
SATURDAY 11 NOVEMBER				
PARALLEL SESSION 6				
VENUE	BILL GALLAGHER ROOM	BALLROOM 2	BALLROOM 3	BALLROOM 4

SA HEART CONGRESS 2017

Provisional Scientific Programme



15h30 – 17h30	Coronary Revascularisation; Structural Intervention and Arrhythmias: Innovative Strategies	PAEDIATRICS Dr Gcina Dumani Paediatric Heart Failure Summit	ALLIED STEMI - Saving Lives
CHAIR	Gil Bolotin Agneta Geldenhuys Farrel Hellig	Francis Smit Stephen Brown	Waheeda Howell Rachel Sekai
	<p>PCI or CABG for Left main and multi-vessel disease. When I would definitely / maybe / never refer my patient for PCI or CABG Gurpreet Sandhu (USA) David Taggart (UK) (10 mins each & 5 mins)</p> <p>Percutaneous pericardioscopy in a population with a high prevalence of tuberculous pericarditis (TBP): The potential value of mycobacterial DNA amplification in establishing an early definite diagnosis Charles Kyriakakis (5 mins & 2 mins questions)</p> <p>Arrhythmias in acute heart failure as detected by 24-hour continuous cardiac monitoring Tsungai Chipamaunga (5 mins & 2 mins)</p> <p>Impact of prolonged occlusion flow mediated dilatation on radial artery cannulation in patients undergoing transradial coronary angiography – preliminary data Jacques Doubell (5 mins & 2 mins)</p> <p>Left atrial appendage occlusion – A single centre 7-year follow up Mark Abelson (5 mins & 2 mins)</p> <p>Should you or should you not? LAA Closure in 2017 - What's Next? Michael Gold (USA) (15 mins)</p> <p>Does the physiologic data give us COURAGE to proceed? William Wijns (Ireland) (15 mins)</p> <p>Transcatheter tricuspid intervention Azeem Latib (Italy) (15 mins)</p>	<p>Paediatric mechanical support in SA, where do we stand? Viljee Jonker (20 mins)</p> <p>Echocardiographic assessment of the right ventricle in paediatric pulmonary hypertension Mark Friedberg (Canada) (20 mins)</p> <p>Pulmonary valve implantation in severe Pulmonary Regurgitation following Tetralogy of Fallot repair Krubin Naidoo (20 mins)</p> <p>Evaluation of the late sequelae of the arterial switch operation for transposition of the great arteries using imaging and bioengineering tools Hopewell Ntsinjana (20 mins)</p> <p>Retrospective of 2017 cardiac surgery – The international quality improvement collaborative experience Liesl Zühlke (10 mins)</p> <p>Semilunar valve growth in fetal transposition of the great arteries- is valve size predictive of postoperative aortic root dilatation? Sally-ann Clur (Netherlands) (6 mins & 2 mins discussion)</p> <p>Aorto-Pulmonary shunt survival: A 10-year African single centre review Michelle Koch (6 mins & 2 mins discussion)</p> <p>Development and validation of a diagnostic approach for fetal Long-QT syndrome in children Sally-ann Clur (Netherlands) (6 mins & 2 mins discussion)</p>	<p>Introduction Adriaan Snyders (15 mins)</p> <p>Optimising STEMI management – total occlusion case Magdalena Petersen (15 mins)</p> <p>Optimising STEMI management – subtotal occlusion case Kerry Moir (15 mins)</p> <p>Optimising STEMI management – patient arrives in cardiogenic shock case Thomas Alexander (India) (15 mins)</p> <p>Optimising STEMI management – general STEMI case Selvan Govindsamy (15 mins)</p> <p>Discussion (10 mins)</p> <p>Closing Adriaan Snyders (5 mins)</p>
	Panel Discussion (19 mins)	Discussion (6 mins)	
17h30 – 18h30	HeFFSA AGM – Ballroom 4		
19h30	Celebration Dinner		

SA HEART CONGRESS 2017

Provisional Scientific Programme



SUNDAY 12 NOVEMBER		
PLENARY SESSION 4	Sunday Soap Box - How do you do it?	PAEDIATRICS Currie Cup Paediatric Cardiology/Surgery Fellows Competition
CHAIR:	William Wijns, Ferande Peters & Andrew Thornton	Hopewell Ntsinjana
VENUE	BILL GALLAGHER ROOM	BOARDROOM 6 & 7
08h45 – 10h45	<p>How we will target you for your lack of informed consent Anthony Millar (15 mins)</p> <p>Novel vascular devices for saphenous vein grafts David Taggart (UK) (15 mins)</p> <p>Basic perspectives to external vein graft stenting Peter Zilla (10 mins)</p> <p>Flight into the heart Gil Bolotin (Israel) (15 mins)</p> <p>Is exercise Stress Testing still relevant in 2017? Pravin Manga (10 mins)</p> <p>How I manage ventricular ectopy Brian Vezi (10 mins)</p> <p>PCI; my greatest lessons learned Graham Cassel (10 mins)</p> <p>Q & A (5 mins for each presenter)</p>	<p>Scary movie equivalent in the Cath Lab Lungile Pepeta (15 mins)</p> <p>A child with syncope Ebrahim Hoosen (15 mins)</p> <p>What are those bubbles in my heart? Firoza Motara (15 mins)</p> <p>What is the cardiologist doing in my lungs? Paul Adams (15 mins)</p> <p>If the shoe fits should you wear it? Carri-Lee Greig (15 mins)</p> <p>A shocking tale Harold Pribut (15 mins)</p>
10h45 – 11h15	Refreshments – Exhibition Hall	

SA HEART CONGRESS 2017

Provisional Scientific Programme



SUNDAY 12 NOVEMBER		
PARALLEL SESSION 7		
VENUE	BILL GALLAGHER ROOM	BOARDROOM 6 & 7
11h15 – 13h00	Sunday Soap Box - How do you do it?	PAEDIATRICS Currie Cup Paediatric Cardiology/Surgery Fellows competition
CHAIR:	Liesl Zühlke, Martin Sussman & David Taggart	Referee - Hopewell Ntsinjana
	<p>Pericardioscentesis, the Mayo Clinic way Vuysile Nkomo (USA) (10 mins & 5 mins questions)</p> <p>Why you should start an acute stroke unit Mark Abelson (10 mins & 5 mins questions)</p> <p>Conundrums in pulmonary hypertension Rafique Essop (10 mins & 5 mins questions)</p> <p>Innovations in Echocardiography: Where are we going? Mark Friedberg (USA) (10 mins & 5 mins questions)</p> <p>ECMO / LVAD – saves lives in cardiogenic shock Christina VanderPluym (USA) (10 mins & 5 mins questions)</p> <p>Big Data: attempting to characterise the Dead-in-bed Syndrome William Wijns (Ireland) (15 mins & 5 mins questions)</p> <p>Congress closure David Jankelow, Iftikhar Ebrahim and Liesl Zühlke (5 mins each)</p>	<p>A case of two colours Fari Takawira (15 min)</p> <p>A nightmare case in ER Sally-ann Clur (Netherlands) (15mins)</p> <p>A case of disguised Mitral Valve Fari Takawira (15mins)</p> <p>A bizarre electrocardiogram Firoza Motara (15 mins)</p>
13h00	Congress Close	