



SATS | CONFERENCE 2024 | PROGRAMME

THURSDAY 22 AUGUST

PRE-CONFERENCE WORKSHOPS

09h30 - 11h30	REGISTRATION (Foyer)			
	W1 PULMONARY FUNCTION TESTING FOR THE GENERAL PRACTITIONER	W2 CRYO-ANESTHESIA WORKSHOP	W3 CYROBIOPSY / INTERVENTIONAL PULMONOLOGY	W4 CARDIOPULMONARY EXERCISE TESTING (CPET)
VENUE			Stellenbosch Clinical Skills Laboratory	
Facilitators			ERBE	
11h00 - 13h00	11h00 - 11h30 resp disability 11h30 - 11h45 11h45 - 12h15 Practical 6mwt and Spirometry 12h15 - 12h30 Exercise prescription 12h45 - 13h00 Pulmonary rehabilitation education - what and why?	10h00-10h30 10h30-11h00 11h00-11h30 11h30 - 13h00	13h00 - 13h30 Basic principles of cryobiopsy & advantages/disadvantages over open/VATs surgical lung biopsy SA experience cryo-lung/ ebus-lymphnode 13h30 - 14h00 Sampling of mediastinal lymph nodes and peripheral lung lesions using cryobiopsy 14h00 - 14h30 Erbe technologies in interventional pulmonology (malignant obstruction, hemoptysis & foreign body extraction) 14h30 - 16h30 4 dedicated hands-on sessions (porcine lungs) each focused on a particular task. Each session will have 5 participants rotating after 30min.	9h30 - 10h00 Physiologic Basis of CPET: Parameters & practical issues 10h00 - 10h30 Review of a normal Test & Case interpretations (congenital heart disease, post COVID lung disease & pulmonary hypertension) 10h30 - 11h00 Principles of CPET interpretation 11h00 - 12h00 Hands-on training on patients/ healthy individuals (Incremental CPET, Preparation of the CPET patient, Calibration, COPD and Dynamic Hyperinflation)
13h00 - 13h30	LIGHT LUNCH (Exhibition Area)			
16h30 - 18h00	SATS Council Meeting			

DAY 1 FRIDAY 23 AUGUST

07h00 - 08h30	REGISTRATION (Foyer)
07h30 - 08h30	Breakfast Symposium - SSEM Leveraging state-of-the-art tools, including point-of-care tool to evaluate respiratory function and disability
SESSION 1	PLENARY SESSION
Chairs	
08h30 - 09h00	Cellular senescence as a mechanism of COPD and its comorbidities
09h00 - 09h30	The Who, Why, When and How of Acute NIV - 25 years of UK Experience in COPD
09h30 - 10h00	Airway reactivity and remodeling: across the lifespan
10h00 - 10h30	Nuts and bolts of Short-regimen for tuberculosis
10h30 - 11h00	The role of biological therapies for asthma in resource limited setting

11h00 – 11h30	REFRESHMENTS (Exhibition Area)			
SESSION 2	ADULT PULMONOLOGY Asthma COPD	PAEDIATRIC PULMONOLOGY Planetary Health		
VENUE	UCT GSB	UCT GSB		
Chairs				
	<p>11h30 – 12h00 Molecular mechanisms, physiology and treatment of type 2 asthma: state-of-the-art</p> <p>12h00 – 12h20 Biologics in treatment of asthma: Challenges and prospects in low- and middle-income countries</p> <p>12h20 – 12h40 Non-smoking related causes of COPD and approaches to their management: are lessons learnt from global COPD trials enough?</p> <p>12h40 – 13h00 Macrophage dysfunction in COPD</p>	<p>11h30 – 11h45 Abstract: 1 x 15min</p> <p>11h45 – 12h10 The air we breathe: where are we?</p> <p>12h10 – 12h35 Towards Greener health</p> <p>12h35 – 13h00 Up in smoke: tobacco smoke, vaping and lung health in children and adolescents</p>		
13h00 – 14h00	Networking Lunch with Exhibitors & Partners (Exhibition Area)			
	Lunch Symposium			
SESSION 3	ADULT PULMONOLOGY Critical Care	CARDIOTHORACIS Chest Wall	PAEDIATRIC PULMONOLOGY Early Determinants of Life Long Health	PHYSIOYHERAPY
VENUE				
Chairs				
	<p>14h00 – 14h20 Research abstract presentation x 2</p> <p>14h20 – 14h40 Speeding up the weaning process: Is it possible with new advances in technology?</p> <p>14h40 – 15h00</p> <p>15h00 – 15h20 Benefits and pitfalls of electrical impedance tomography in the management of a critically ill patient</p>		<p>14h00 – 14h15 Abstract: 1 x 15min</p> <p>14h15 – 14h40 Lung function trajectories-filling the gaps</p> <p>14h40 – 14h55 Ventilatory strategies in early-life to improve respiratory outcomes</p> <p>14h55 – 15h20 Longterm impact of being born prematurity</p>	<p>Role of Physio in Pulmonary rehab (PR) in TB and cardiac rehab</p> <p>Challenges in implementations of PR in TB populations</p> <p>Current research on implementations of PR in various context and populations</p> <p>PT role Paediatric PR</p> <p>Panel discussions/debate – what are the best outcome measurers for PR, should simple lung function testing i.e. Spirometry be the outcome measure of choice?</p>
15h20 – 15h40	REFRESHMENTS (Exhibition Area)			

SESSION 4	ADULT PULMONOLOGY Interstitial Lung Disease	CARDIOTHORACIS Cardiac	PAEDIATRIC PULMONOLOGY New Preventive Strategies LUNG HEALTH	PHYSIOYHERAPY
VENUE				
Chairs				
	<p>15h40 – 16h00 4 rapid poster presentations (each 5 mins)</p> <p>16h00 – 16h20 Challenges in the early diagnosis of connective tissue associated interstitial lung diseases</p> <p>16h20 – 16h40 Management of pulmonary sarcoidosis: Access to emerging therapeutics in South Africa</p> <p>16h40 – 17h00</p>		<p>15h40 – 15h55 Abstract: 1 x 15min</p> <p>15h55 – 16h15 Immunology and the lung</p> <p>16h15 – 16h35 Vaccine equity in respiratory health - ETHICS</p> <p>16h35 – 16h55 Pro con debate: to NPA or not to NPA</p>	
17h00 – 18h00	Social Event			
18h00 – 20h00	SATS AGM			

DAY 2 SATURDAY 24 AUGUST

07h00 – 08h30	REGISTRATION (Foyer)			
07h30 – 08h30	Breakfast Symposium			
SESSION 5	PLENARY SESSION			
Chairs				
08h30 – 08h55	State-of-the-art in Lung cancer			
08h55 – 09h20	Empyema: Should empyema be managed medically or surgically (Pro/con debate)			
09h20 – 09h45	Cardiothoracic			
09h45 – 10h10	Using AI to diagnose respiratory diseases			
10h10 – 10h35	Physiotherapy topic			
10h35 – 11h00	Identifying treatable phenotypes and characteristics in interstitial lung diseases OR optimal management of fibrosing interstitial lung diseases in 2024			
11h00 – 11h30	REFRESHMENTS (Exhibition Area)			
SESSION 6	ADULT PULMONOLOGY Infections	CARDIOTHORACIS Paediatric Thoracic Surgery	PAEDIATRIC PULMONOLOGY Obstructive lung disease	PHYSIOYHERAPY
VENUE				
Chairs				
	<p>11h30 – 12h00 Trained immunity in respiratory diseases</p> <p>12h00 – 12h20 Role of bacteriophages in the treatment of pneumonia</p> <p>12h20 – 12h40 Biomarkers in the management of severe pneumonia or definitive role of steroids in the management of community-acquired pneumonia</p> <p>12h40 – 13h00 Research abstract presentation x2</p>		<p>11h30 – 11h45 Abstract: 1 x 15min</p> <p>11h45 – 12h10 Diagnosing asthma in African children: lessons from CHEST</p> <p>12h10 – 12h35 Exacerbation of asthma in children. Predication and management</p> <p>12h35 – 13h00 Chronic Obstructive Respiratory diseases in South Africa: new insight in diagnosis and management</p>	<p>Critical Care PT management- Care bundle for post op cardio-thoracic surgery and rehab</p> <p>Why are qualitative outcome measures essential for all research related to PR.</p> <p>How to navigate networks within a specific context/ area for early career physiotherapists.</p>

13h00 – 14h00	Networking lunch with Exhibitors & Partners (Exhibition Area)			
	Lunch Symposium			
11h00 – 11h30	REFRESHMENTS (Exhibition Area)			
SESSION 7	ADULT PULMONOLOGY Tuberculosis And Bronchiectasis	CARDIOTHORACIS Tuberculosis	PAEDIATRIC PULMONOLOGY Advances Of Rare Diseases	PHYSIOYHERAPY
VENUE				
Chairs				
	<p>14h00 – 14h20 Emergent resistance to new TB drugs in South Africa: what can the lab tell us?</p> <p>14h20 – 14h40 4-rapid poster presentations</p> <p>14h40 – 15h00 Bronchiectasis: Management considerations in South Africa</p> <p>15h00 – 15h20 Post-tuberculous lung disease: pathogenesis to therapeutics</p>		<p>14h00 – 14h15 Abstract: 1x15min</p> <p>14h15 – 14h35 Telehome care in asthma and CF: implications for low resource settings</p> <p>14h35 – 14h45 PCD diagnosis: South African experience</p> <p>14h45 – 15h15 Advocating for equitable care: Lessons from CF</p>	
15h20 – 15h40	RAPID FIRE: POSTER SESSION (Exhibition Area)			
SESSION 8	ADULT PULMONOLOGY Micelleneous: technology in clinical practice/Pleural disease/ preventions	CARDIOTHORACIS	PAEDIATRIC PULMONOLOGY Bronchiectasis and Tuberculosis	PHYSIOYHERAPY
VENUE				
Chairs				
	<p>15h40 – 16h00 Automated AI-based chest X-ray and CT interpretations: The benefits and pitfalls in the South African Context</p> <p>16h00 – 16h20 Must-have apps for the physician and pulmonologist.</p> <p>16h20 – 16h40 Immunization and advice to patients with chronic lung disease: An evidence-based approach</p> <p>16h40 – 17h00 Research abstract presentations x 2</p>	<p>16h20 – 17h00 Research Presentations</p>	<p>15h40 – 15h55 Abstract: 1 x 15min</p> <p>15h55 – 16h20 Update of management of endobronchial TB</p> <p>16h20 – 16h45 Advances in chest imaging for TB</p> <p>16h45 – 17h10 Bronchiectasis: improving outcomes</p> <p>17h10 – 17h35</p> <p>17h30 – 18h00</p>	
19h00 – 23h00	CONFERENCE DINNER			

DAY 3 SUNDAY 25 AUGUST

SESSION 9	PLENARY SESSION
Chairs	
08h30 – 09h00	Should we be concerned about another pandemic in our lifetime?
09h00 – 09h30	Ethics topic: An optimal approach to dealing with a medical negligence complaint against you: What are your options?
09h30 – 10h00	Pead Pulm
	Cardiothoracic

11h00 – 11h30 REFRESHMENTS (Exhibition Area)			
SESSION 10	ADULT PULMONOLOGY <i>Pulmonary Vascular Diseases/Smoking</i>	CARDIOTHORACIS	PAEDIATRIC PULMONOLOGY
VENUE			
Chairs			
	<p>11h30 – 12h00 Pulmonary hypertension: best practice in state and private health sectors of South Africa</p> <p>12h00 – 12h20 The role of risk stratification in PAH and its impact on patient management</p> <p>12h20 – 12h40 Vaping in South African adolescents: an epidemic in our schools?</p> <p>12h40 – 13h00 Smoking cessation: How to set up an effective service in private practice</p>		
13h00 – 14h00 CONFERENCE CLOSE			