



ALL THINGS WIND!



Day 1: Tuesday, 5 October 2021		
14h00	Registrations	All
14h30	Tea/Coffee	Welcome and Meet and Greet with the SAC and Speakers
	Facilitators	Prof. Peter Freere, Associate Professor in Electrical Engineering, Nelson Mandela Metropolitan University (NMMU)
15h00 – 15h30	Impact Talk	Kimon Silwal, CEO Kathmandu Alternative Power and Energy Group
		Prof. Lwazi Ngubevana, Director of African Energy Leadership Centre at the Wits Business School
15h30 – 16h30	Networking cocktail and round table event	

Day 2: Wednesday, 6 October 2021		
08h30 – 09h00	Registration and Refreshments	
Moderator	Mr Mark Tanton Board Member – South African Wind Energy Association (SAWEA)	
09h00 – 10h30	Role of Academia in the Growing Wind Energy Sector	
	Opening Address	Prof. Peter Freere, Associate Professor in Electrical Engineering, Nelson Mandela Metropolitan University (NMMU)
	Keynote Address	Mr Kristoffer Böttzauw, the Director General of the Danish Energy Agency
	Supporting Remarks	Supporting Remarks: South African Wind Energy Programme Contribution to Wind Sector – Andre Otto
10h30 -11h00	Refreshment break	
Moderator	Andre Otto	
11h00 – 11h20	Expert Presentation: Power Sector Investment Trends in Sub-Saharan Africa: Development and Implications for Wind Power by Wikus Kruger	
11h20 – 12h20	Paper Presentations	
	Stanley Semelane	Evaluating employment and economic impact for utility scale wind power component localisation in South Africa – A just energy transition case
	Kimon Silwal	Investigation of Wind Data Resolution with Two Different Anemometers for Small Wind Turbine Performance Study
	Greg Landwehr	The wind energy potential of South Africa’s Eastern Cape Province in a changing climate
	Scientific Advisory Members	<ul style="list-style-type: none"> • Andre Otto, WASA/SAWEP 2 Project Manager, SANEDI • Wikus Kruger, Researcher, Graduate School of Business - University of Cape Town (UCT) • Mr Eric Björklund, Special Advisor, Economist, Centre for Global Cooperation
12h20 – 13h20	Lunch	
Moderator	Professor Chris Adendorff	
13h20 – 13h40	Expert Presentation: Abulele Adams - Renewable Energy Development Zones (REDZ)	
13h40 – 14h40	Paper presentations	
	Prof Lochner Marais	Towards evidence-based understanding the local impacts of renewable energy projects
	Holle Wlokas	Corporate community engagement practitioners in the renewable energy industry: Dilemmas and agency at the coal face of South Africa’s energy transition
	Poonam Hutheram	Sustainability reporting of wind turbine manufacturers and their response to public perceptions of wind energy



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	Scientific Advisory Members	<ul style="list-style-type: none"> • Paul Lochner, Principal Environmental Assessment Practitioner – CSIR • Abulele Adams, Environmental Assessment Practitioner – CSIR • Chris Adendorff, Professor in Future Studies and Professor in Commerce - World Futures Studies Federation (WFSF)
14h40 – 15h00	Refreshment break	
Moderator	Paul Lochner	
15h00 – 15h20	Expert Presentation: Barry MacColl - Grid integration considerations for wind and other bulk distributed energy resources.	
15h20 – 16h20	Paper presentations	
	Getahun Aklilu	Numerical investigations on aerodynamic performance enhancement of NACA airfoils applicable for modelling of horizontal axis wind turbine blades
	Dr Greg Poulos	Replacing Wake Loss Modelling with Wind-Farm Atmosphere Interaction Loss Modelling
	Mamello Chauke	Trend analysis and inter-annual variability in wind speed in South Africa
	Scientific Advisory Members	<ul style="list-style-type: none"> • <i>Barry McColl, Senior Regional Manager – Epri</i> • <i>Ntshahla Ntsadu, Engineer – Eskom</i> • <i>Prof. Torsten Faber, Director Wind Energy Technology Institute - University of Flensburg, Germany</i>
16h20 – 16h45	Refreshment break	
16h45 – 17h30	Closing Plenary - Process for publication of Selected Papers by JESA	
	Prof Pieter Levecque, Associate Professor Dept. of Chemical Engineering, University of Cape Town	



Day 3: Thursday, 7 October 2021	
08h30 - 09h00	Registration and Refreshments
Moderator	Prof. Josiah Munda, Professor of Electrical Engineering Tshwane University of Technology (TUT)
09h00 - 10h30	MASTERCLASS New and Emerging Markets in an African Context (Offshore Wind Energy and Hydrogen Economy)
	Speakers Offshore Wind Energy – Dr Kittessa Roro (CSIR Energy Centre) Hydrogen Economy - Thomas Roos (CSIR Energy Centre)
10h30 - 11h00	Refreshment Break
11h00 - 12h30	Depart to CTICC
12h30 - 14h30	VISIT TO WINDABA EXHIBITION

