



DAY ONE – MONDAY 28 MARCH 2022

07:30 – 09:00	REGISTRATION, TEA COFFEE ON ARRIVAL
SESSION 1	OPENING PLENARY Venue: Ou Kaapse Hoek Chair: Hermie Delport
09:00 – 09:10	Welcome: Hermie Delport STADIO School of Architecture and Spatial Design
09:10 – 09:30	Opening Address: Kahmiela August , Chief Director: Human Settlement Planning, Western Cape Government
09:30 – 10:00	Keynote Address: Nicholas King North-West University: <i>Planetary crises of the Anthropocene - design as usual is not an option</i>
10:00 – 10:15	Anita Venter UFS and Keith Armstrong QUT, Australia: <i>Re-future: post-natural theory creation in a climate crisis world</i>
10:15 – 10:45	TEA, COFFEE
SESSION 2	ADVOCACY AND MOBILISATION FOR CHANGE Venue: Ou Kaapse Hoek Chair: Matthew Cullinan Session sponsored by Atlantis SEZ
10:45 – 11:15	Shirin Elahi Corset Economy, UK: Part I: <i>Scaling SBE to meet the climate change and demographic challenges</i> Daniel Irurah University of the Witwatersrand – Part II: <i>Crafts for the 21st century: Youth Oriented Makerspace smart-craft</i>
11:15 – 11:30	Annie Sugrue Ecosasa: <i>Digital technology as an aid in meeting climate change targets</i>
11:30 - 11:45	Lesley Sibanda City of Cape Town and Megan Euston-Brown Sustainable Energy Africa: <i>Rooting inclusive carbon neutral South African Cities in City action now</i>
11:45 – 12:00	Elena Sentieri and Selene Angelone UN-Habitat: <i>A participatory approach to build climate resilience in secondary cities: the CityRAP methodology</i>
12:00 – 12:15	Glynn Morris GreenX Energy: <i>An energy services perspective for communities - reframing the picture and revealing opportunities</i>
12:15 – 12:45	Discussion
12:45 – 14:00	LUNCH
SESSION 3	NEW MATERIALS AND SYSTEMS Venue: Ou Kaapse Hoek Chair: Gerhard Bosman
14:00 – 14:15	Kevin Kimwelle , Community architect: <i>RDI promoting alternative praxis towards sustaining the green agenda and social change</i>
14:15 – 14:30	Thomas de Ridder HumanInsights: <i>Applying agile user experience (UX) design and research techniques to spatial and environmental planning and the built environment design to optimise citizen utility</i>
14:30 – 14:45	David Stone University of Arizona: <i>Ferrock: an alternative carbon-negative building material</i>
14:45 – 15:00	Gachiku Kamau Kamau Architects and Associates, Namibia: <i>Materiality as a driver of sustainable built environments</i>
15:00 – 15:15	Guy Preston Researcher: <i>The potential for green design using Biomass Insulated Concrete – an international seismic shift?</i>
15:15 – 15:45	Discussion
15:45 – 16:15	TEA, COFFEE
SESSION 4	Mick Pearce Mick Pearce Architect, Zimbabwe: <i>From mechanics to meaning and biomimicry in architecture</i> Venue: Ou Kaapse Hoek Chair: Nina Maritz
16:15 – 17:00	<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;">  </div> <div style="flex: 2;"> <p>Lance LaVine, after teaching Architecture and Landscaping at the University of Minnesota for twenty years wrote a book titled “<i>Mechanics and Meaning in Architecture</i>”. In it he shows that in architecture, as practiced and taught today (published in 2001), the technological aspect of the profession – how weight is distributed, how heat flow is regulated, and how light is permitted to enter - has been ceded to engineers and other technical specialists. As a result, he argued, “architects have lost sight of one of architecture’s most important purposes, that of providing a literal and figurative window to the world.”</p> <p>In my seventy years of learning and practicing architecture in the various countries, I have found that I need more and more contact with engineers and scientists of nature, as La Vine’s suggested.</p> </div> <div style="flex: 1; text-align: right;">  </div> </div>
17:15 – 17:30	Discussion
18:30	MEET AND GREET / DINNER

DAY TWO – TUESDAY 29 MARCH 2022

07:30– 08:00	REGISTRATION, TEA, COFFEE	
08:00 – 08:30	Introductory speaker: Dr Mark Olweny Lincoln School of Architecture, UK: <i>Transgressions in architecture education: toward sustainable built environments</i>	
	SESSION 5A URBAN WATER MANAGEMENT Venue: Ou Kaapse Hoek Chair: Richard Hill	SESSION 5B APPROPRIATE URBAN STRATEGIES Venue: The Hitching Post Chair: Evert Strydom
08:30 - 08:45	Kevin Winter , University of Cape Town: <i>From Cape Town's Day Zero to building a water sensitive city</i>	Jo Barnes University of Stellenbosch: <i>Affordable housing schemes in urban areas – the influence of design on health, municipal services and the environment</i>
08:45 – 09:00	Chris Brooker cba Specialist Engineers: <i>Stormwater management – again!</i>	Jeremy Gibberd Gauge: <i>Designing for change</i>
09:00 – 09:15	Johan Barnard NEWLA Landscape Architects: <i>Urban sustainability: towards diversity in open space management</i>	Kagiso Jobe , University of Botswana: <i>Affordable housing: access to energy, water and food security</i>
09:15 – 09:30	Gert van der Merwe Architect, Namibia and Prithvi Simha Swedish University of Agricultural Sciences: <i>Design for waste recovery</i>	Andy Horn , Eco Design: <i>Natural Building as a tool to unplug from degenerative systems and build a regenerative future</i>
09:30 – 10:00	Discussion	Discussion
10:00 – 10:30	TEA, COFFEE	
	SESSION 6A REGENERATIVE AGRICULTURE AND FOOD SECURITY Venue: Ou Kaapse Hoek Chair: Gert van der Merwe	SESSION 6B MOBILISATION FOR CHANGE Venue: The Hitching Post Chair: Gachiku Kamau
10:30 – 10:45	Chris Burgess Editor LandbouWeekblad: <i>Regenerative farming - a real solution to a multifaceted problem</i>	Edward Mazhani University of Botswana: <i>Procurement strategies for sustainable development; a focus on rural areas in Botswana</i>
10:45 – 11:00	Alexandra Kruger Succession: <i>Participatory design for resilience</i>	Samuel Dugelay makjo, France: <i>Earth construction in France, networking and national actions</i>
11:00 – 11:15	Ezio Gori Gaia Education, Italy: <i>Embedding sustainability in the built environment project management cycle</i>	Louw van Biljon Spatium: <i>Fixing the coalface</i>
11:15 – 11:45	Discussion	Discussion
	SESSION 7A REGENERATIVE AGRICULTURE AND FOOD SECURITY continued Venue: Ou Kaapse Hoek Chair: Alexandra Kruger	SESSION 7B SOCIAL AND SPATIAL JUSTICE Venue: The Hitching Post Chair: Jo Barnes
11:45: - 12:00	Evert Strydom NUST: <i>Holistic approach in balancing “utilisation vs conservation” in making Namibian rangelands sustainably regenerative</i>	Kyla Hazell Ndifuna Ukwazi: <i>Spatial justice and sustainability</i>
12:00 – 12:15	Karen Botes University of Pretoria: <i>African food crops in living walls: a novel approach towards food security</i>	Anita Venter and Ms Heidi Morgan UFS: <i>Post-natural futures</i>
12:15 – 12:30	Florian Kroll PLAAS, UWC: <i>Food sensitive planning and urban design - Leveraging local government and urban design professions to promote sustainable, healthy and inclusive food environments</i>	David Bettesworth Bettesworth Scott (Pty) Ltd: <i>Spatial transformation: the only sustainable solution?</i>
12:30 – 13:00	Discussion	Discussion
13:00 – 14:00	LUNCH	
	SESSION 8A VERNACULAR APPROACHES Venue: Ou Kaapse Hoek Chair: Anita Venter	SESSION 8B GREEN FINANCE AND INVESTMENT FOR BUILDING Venue: The Hitching Post Chair: Kagiso Jobe Session sponsored by Team Monica Clark
14:00 – 14:15	Magda Minguzzi , Yolanda Navarro and Lucy Vosloo Nelson Mandela University: <i>South African built environment and IKS: the lesson from the First Indigenous Peoples</i>	Matthew Cullinan , Atlantis SEZ: <i>The Atlantis Greentech SEZ – A “living lab” for sustainable industrial manufacturing and a just transition?</i>
14:15 – 14:30	Gerhard Bosman UFS: <i>Relevant service-learning for transformation in architecture learning</i>	Matthew Whalley Balwin Property Developers: <i>How the Green Economy can support more affordable housing</i>
14:30 – 14:45	Mauritz Naude National Museum, Pretoria: <i>Maintaining an historic mud farm dwelling</i>	Georgina Smit Green Building Council of SA: <i>Green building trends and business case</i>
14:45 – 15:00	Graham Jacobs Rescue restoration of the Wupperthal town centre, Cederberg, South Africa	William Shivers University of Virginia School of Architecture, US: <i>Territorial negotiations: a call for blue-green infrastructure investment in America's peripheral lands</i>
15:00 – 15:45	Discussion	Discussion
15:45 – 16:15	TEA, COFFEE	

Session 9	ADAPTIVE RE-USE Venue: Ou Kaapse Hoek Chair: Francois Nortje
16:15 – 16:30	Heidi McAllister , Osmond Lange Architects: <i>Welgevallen Opstal and Agri-Precinct - re-imagining heritage for an adaptive future</i>
16:30 – 16:45	Hélène van der Merwe Restio Architecture: <i>An Investigation of burial practices and sites: meaning, ecology, sustainability</i>
16:45 – 17:00	Sune Uys, Carla Jooste, Heidi McAllister and Phillip du Toit , Osmond Lange Architects: <i>Application of green architecture principles</i>
17:00 – 17:30	Discussion

18:00 – 18:45	PRE-DINNER PRESENTATION: William Martinson, Osmond Lange Architects: A tour of some selected heritage buildings and structures on Robben Island Venue: The Hitching Post
	 <p>Osmond Lange Architects have in the recent past been fortunate to assist the Robben Island Museum with the preparation of a Built Environment Conservation Manual. This work enabled access onto the island and permitted a close examination of some of the very interesting and unusual buildings and structures on Robben Island. The talk will examine these through the eyes of a heritage architect and will include the Fortress Observation Post, the Faure Pier, the Underground Plotting Room, the Maximum-Security Prison and some of the Prison watchtowers.</p> 
18:45 – 19:00	Discussion
19:00	CONFERENCE DINNER

DAY THREE - WEDNESDAY 30 MARCH 2022

07:30 – 08:00	REGISTRATION, TEA, COFFEE
08:00 – 08:30	Introductory speaker: Nina Maritz Nina Maritz Architects, Namibia: <i>Why regeneration?</i>
SESSION 10	REGENERATIVE DESIGN AND CONSTRUCTION Venue: Ou Kaapse Hoek Chair: Felix Holland
08:30 – 08:45	Marloes Reinink Solid Green Consulting: <i>Living building challenge</i>
08:45 – 09:00	Jeremy Gibberd Gauge: <i>The off-grid house in the city</i>
09:00 – 09:15	Andy Horn Eco Design: <i>Cob bale construction - an earth-slip pre-coated straw bale building method for efficient eco-friendly labour-based construction</i>
09:15 – 09:30	Theo Trublard atelier Belenfant Daubas, France: <i>Sustainable alternatives to conventional French housing</i>
09:30 – 10:00	Discussion
10:00 – 10:30	TEA, COFFEE
SESSION 11	REGENERATIVE DESIGN AND CONSTRUCTION continued Venue: Ou Kaapse Hoek Chair: Hélène van der Merwe
10:30 -10:45	Samuel Dugelay and Constance Cornu makjo, France: <i>Public building projects and on-site earth-building training</i>
10:45 -11:00	Felix Holland Localworks, Uganda: <i>The Mustardseed Experience, or: How the design of a green school in Uganda led to the creation of a design and build collaborative</i>
11:00 – 11:45	Alan Gilham Sustainability Works Limited, Wales: <i>Mainstreaming sustainability practice</i>
11:45 – 12:00	Kevin Wall Private: <i>After “regenerative design and construction” comes “in use” – with responsibility for operation and maintenance</i>
12:00 – 12:30	Discussion
12:30 – 13:30	LUNCH
SESSION 12	STRATEGIES FOR THE FUTURE Venue: Ou Kaapse Hoek Chair: Mark Olweny
13:30 - 13:45	Hermie Delport STADIO: <i>The SDGs in architecture schools: a radically inclusive Studio perspective</i>
13:45 – 14:15	Etienne Bruwer Greenhaus Architects: <i>SBE 2022: Closing reflection and concluding comments by participants</i>
14:15	DEPARTURE