



Design Education Forum of Southern Africa



# DE+ AFRIKA+ 4IR+

DESIGN EDUCATION /AFRIKA/4TH INDUSTRIAL REVOLUTION

**16th DEFSa CONFERENCE**  
**5 - 7 OCTOBER 2021**

Hosted virtually by  
University of Johannesburg &  
Inscape Education Group

**5 October 2021**

18:00 – 19:00

Cocktail evening

**Wednesday 6 October 2021**

8:30 – 8:45	Waiting for everybody to join	
8:45 – 9:00	Welcome address	President of DEFSA
9:00 – 10:20	Keynote speaker	<b>Saki Mafundikwa</b>
10:20– 10:40	<b>Tea time</b>	
10:40 – 12:00	Session 1	Dismantling boundaries: Does a transdisciplinary and multi-disciplinary tertiary education approach support the development of creative and critical thinking for an Afrikan design and business context <b>Heather Goode &amp; Mary-Anne Potter</b>
	Theme 1: Design Teaching Strategies	Research ethics in South African visual communication design: a principlist approach to non-anonymity <b>Rudi de Lange &amp; Rolf Gaede</b>
	Heading for the Session: Complexities in an Afrikan context	Overcoming educational inequalities associated with online learning in light of a pandemic: A private higher education approach <b>Keshni Nana &amp; Carla Roos</b>
	Session Moderator: <b>Herman Botes</b>	Towards 4IR and African scholarship: Exploring research capacity in the widening discipline of communication design <b>Ria van Zyl &amp; Lizette Carsten</b>
12:00 – 12:20	<b>Lunch break</b>	
12:20 – 13:00	Session 2	Determining jewellery students' CAD competencies as a means to incorporate a student-led teaching strategy <b>Tracey Jane Lötter &amp; Nina Newman</b>
	Theme 2: Design Discipline Teaching	Lost connection: reflections on online jewellery design teaching <b>Shashi Cullinan Cook, Thato Radebe, Khanya Mthethwa &amp; Cailin Ernst</b>
	Jewellery design education and practice in the digital space	Studio jewellery processes for the post cyber designer. <b>Caru Smuts &amp; Monica Di Ruvo</b>
	Session Moderator: <b>Thato Radebe</b>	

# Wednesday 6 October 2021

## Comfort gap

13:50 – 15:10	Session 3	Preparing the future workforce in African Universities of Technology: A Case of New Media Art as a mutating discipline in the 4IR <b>Mashaole Makwela &amp; Folasayo E. Olalere</b>
	Theme 3: Design Education and 4IR	Anticipating IR 4.0: Conceptualising a human-centred contribution to the design of emerging complex technological systems <b>Terence Fenn</b>
	<b>Disrupted spaces The Afrikan [online] University</b>	Critical Design Futures: Challenging the Gender Data Gap through Pedagogy <b>Ashton Moseley &amp; Kimberly Bediako</b>
	Session Moderator: <b>Patrick Moremoholo</b>	4IR, the Photographic Curriculum and the South African Higher Educational Context: A Case Study <b>Jakob Doman</b>

## Comfort gap

15:10 – 16:45	Session 4	Measures by an advertising company to mitigate the impact of COVID-19: a case study and the Next Normal for design education <b>Sean Kreuzsch, Rudi De Lange &amp; Selma Schiller</b>
	Theme 1: Design Teaching Strategies	Positioning Afro-diasporic Speculative Design Pedagogy in African Higher Education Design Institutions <b>Anthony Ambala</b>
	<b>Digital pedagogies, ethics, and design.</b>	Digital Design Ethics <b>Pia Findlay</b>
	Session Moderator: <b>Inge Economou</b>	Using Short Learning Programmes to Develop Students' Digital Literacies in Art and Design Education Bongani Khoza & Boitumelo Kembo
		The New Three Rs: Range, Repertoire and Resilience in Design Education and Life <b>Donna Pido</b>

## Comfort gap

16:55 – 17:55	Interview with...Looking back to inform how we can look forward
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# Thursday 7 October 2021

8:00 – 8:30	Waiting for everybody to join	
8:30 – 9:50	Session 5	Social media facilitates custom made apparel design decisions: the future for business smart fashion designers <b>Elizabeth Kempen, Mariette Strydom &amp; Rejoice Tobias-Mamina</b>
	Theme 2: Design Discipline Teaching (fashion)	Masking-up with 4IR fashion design education: A retrospective analysis <b>Kimberly Bediako, Tinyiko Baloyi &amp; Neshane Harvey</b>
	<b>Doing things differently in Fashion</b>	Exploring Manual and Digital pattern design methodologies towards the development of the design education offering <b>Annelize Scheepers</b>
	Session Moderator: <b>Safia Salaam</b>	I Think (sustainably) There4IR: Exploring Aligned Design Thinking through a First Principle approach in Fashion Praxis <b>Diandra Haupt</b>
Comfort gap		
9:50 – 10:20	Session 6	Use of Automation and Artificial Intelligence as a Sub-set of Knowledge Management Domain in Architectural Organisations in South Africa <b>Francine van Tonder &amp; Pantaleo Rwelamila</b>
	Theme 3: Design Education and 4IR	Developing an Educational Strategy for Emerging Technology in Design: A Case study of the FABLAB at FADA, UJ <b>Denver Hendricks</b>
	<b>4IR for design education</b>	The influence of the fourth industrial revolution: A multi-discipline approach for design education <b>Cherisé Walter, Emmerencia Petronella Marisca Deminey &amp; Amanda Breytenbach</b>
	Session Moderator: <b>Adrie Haese</b>	Collaborating online with strangers <b>Franci Cronje &amp; Carla Enslin</b>

# Thursday 7 October 2021

10:20 – 10:40	Tea time	
10:40 – 12:00	Session 7	A systemic framing of the challenges faced in Design Education during the COVID-19 lockdown <b>Hadassah Myers</b>
	Theme 1: Design Teaching Strategies	Learning from a distance: a conceptual teaching framework that supports positive emotions and novelty during independent fashion design processes <b>Lee de Wet</b>
	<b>Thinking through 4IR: Reflections on teaching in the digital space</b>	COVID-19 lockdown lessons: digitalising for online music learning <b>Roland Moses</b>
	Session Moderator: <b>Kimberly Bediako</b>	Digital Transformation of Pedagogy in Design Education in the Virtual Learning Environment <b>Christina Elgie</b>
12:00 – 13:00	Lunch break	<b>DEFSA AGM</b>
13:00 – 14:20	Session 8	An educational interior design framework promoting greater inclusivity of the aged living in multigenerational households <b>Shireen Govender &amp; Mary-Anne Potter</b>
	Theme 2: Design Discipline Teaching	An Interior Design Workflow for Virtual Reality Walkthroughs Using Unity 3D <b>Leah van der Walt &amp; Maretha Geyser</b>
	<b>Physical spaces for 4IR functioning</b>	The role of student-staff partnership and collaborative learning in Interior Design education. <b>Alexandra Balkanska</b>
	Session Moderator: <b>Marisca Deminey</b>	BIM as an alternative architectural teaching device <b>Jean-Pierre Basson</b>
Comfort gap		
14:30 – 15:50	Session 9	Examining the potential of Design Thinking in the age of Fourth Industrial Revolution in South Africa <b>Itunu Bodunrin</b>
	Theme 3: Design Education and 4IR	4IR Soft skills strategy for Interior Design Graduates: A literature review <b>Leana Scheffer</b>
	<b>The human side of 4IR: shaping design education for the future</b>	Problem placement in fashion design practice: reflections and recommendations for fashion design education in an era of complexity <b>Terese Potgieter &amp; Carol Lavelle</b>
	Session Moderator: <b>Desiree Smal</b>	Visual hermeneutics and the fusion of horizons: reflections on a globally networked learning project with graphic design students from three countries <b>Rolf Gaede</b>



	Comfort gap	
	16:00 – 16:30	Closing address

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