

Research Unit Self-Directed Learning: 6th International Self-Directed Learning Conference

DAY 1 : WEDNESDAY, 1 November 2023			DAY 2 : THURSDAY, 2 November 2023		
08:00 — 08:30	Registration, tea and coffee		08:00 — 08:30	Registration, tea and coffee	
08:30 — 08:45	Introduction and welcoming		08:30 — 08:45	Introduction and welcoming	
08:45 — 09:45	Keynote address: Prof Karl Wirth (Convenor: Aubrey Golightly) <i>Enhancing and leveraging self-directed learning: The bidirectional synergy of AI, critical thinking, and reflection</i>		08:45 — 09:45	Keynote address: Prof Mncedisi Maphalala (Convenor: Neal Petersen) <i>Fostering critical thinking and reflection: Enhancing student agency through self-directed learning in Higher Education</i>	
Tea and coffee break (09:45 — 10:00)			Tea and coffee break (09:45 — 10:00)		
Parallel session 1	Session 1 (Breakout room 1) (Convenor: Dorothy Laubscher)	Session 1 (Breakout room 2) (Convenor: Chantelle Bosch)	Parallel session 3	Session 3 (Breakout room 1) (Convenor: Gordon Sekano)	Session 3 (Breakout room 2) (Convenor: Byron Bunt)
10:05 — 10:35	Deep learning in social robots vs. deeper self-directed learning: Implications for active learning <i>Sukie van Zyl & Marietjie Havenga</i>	Metacognitive reflection and learning potential from a selection of history game genres to develop self-directed learning <i>Byron Bunt</i>	10:05 — 10:35	Juxtaposing self-directed learning and computational thinking to enhance mathematical problem solving in South African schools <i>Sfiso Mahlaba</i>	Coding and computational thinking: Foundation phase Mathematics students' experiences and reflections <i>Nothile Kunene & Marietjie Havenga</i>
10:40 — 11:10	Cultivating critical thinking and problem solving: Simulating social media marketing campaigns for AI clients <i>Koketso Rabanye, Tsholofelo Lenyidi, Thato Zethi & Othusitse Maunatlala</i>	Metacognitive awareness levels of pre-service educators <i>Matthews Makunye, Divan Jagals & Julialet Rens</i>	10:40 — 11:10	Pre-service mathematics teachers' implementation of creative thinking during mathematical problem-solving <i>Jolinda Cronje & Annalie Roux</i>	Incorporating productive failure to enhance self-reflection in coding and robotics <i>Fotiene Avrakotos-King & Sukie van Zyl</i>
11:15 — 11:45	The relationship between demographic and affective variables of geography teachers and their self-directed learning abilities <i>Aubrey Golightly</i>	Teachers' readiness for self-directedness: A comparative case study between South Africa and Zimbabwe <i>Charles Mamombe & Washington Dudu</i>	11:15 — 11:45	Teachers taking ownership of their professional development: A rationale for a CoP to support Grade 3 teachers in their mathematics curriculum implementation <i>Motialepula Sekete, Corné Kruger & Nothile Kunene</i>	The relationship between historical thinking and self-directed learning: The role of reflection and critical thinking <i>Nicolaas van Deventer & Maryna Reyneke</i>
11:50 — 12:20	Teacher reflections on sustaining learning in the foundation phase in times of crisis: A case for a community of inquiry <i>Corné Kruger, Andri Schoonen, Nothile Kunene, Itu Letaba & Elsabe Wessels</i>	The design and implementation of a strategy for blended teaching and learning for physical science teachers in rural schools <i>Eddie Nkanyani</i>	11:50 — 12:20	Mathematics student teachers' reflections on creating a board game: Emerging self-directed learning competencies <i>Tertia Jordaan & Sukie van Zyl</i>	Moving high school learners across the PAH-continuum <i>Lizelle Pretorius</i>
Lunch (12:30 — 13:15)			Lunch (12:30 — 13:15)		
Parallel session 2	Session 2 (Breakout room 1) (Convenor: Corné Kruger)	Session 2 (Breakout room 2) (Convenor: Marry Mdakane)	Parallel session 4	Session 4 (Breakout room 1) (Convenor: Nothile Kunene)	Session 4 (Breakout room 2) (Convenor: Bernadette Geduld)
13:30 — 14:00	Game-based learning for understanding investigative journalism concepts: 3rd year and honours year journalism students <i>Koketso Rabanye & Othusitse Maunatlala</i>	Assessing students' readiness for self-directed learning in the faculty of management science at the Durban University of Technology <i>Manduth Ramchander, Rekha Maniram, Ashnee Rajlal, Serathi Molokwane, Ntokozo Ndlela, Merci Matthews & Tessa Reddy</i>	13:30 — 14:00	Liberté, Egalité, Fraternité: Revolting against the faulty assessment mould <i>Effiness Kamanga, Marike Annandale, Anita Lubbe & Maryna Reyneke</i>	Evaluating learners' propensity for self-directed learning through assessing course reflections <i>Walter Uys</i>
14:05 — 14:35	First-year experience: Self-directed educational excursions fostering a sense of belonging amongst student teachers <i>Neal Petersen</i>	Enhancing self-directed learning through the development of critical thinking skills within a constructionist learning environment <i>Patience Akih & Elsa Mentz</i>	14:05 — 14:35	Students' perceived roles in distance education: A precursor to enhance the quality of teaching and learning <i>Nozi Kgati & Christo Els</i>	Enhancing the autonomy of pre-service teachers: Unravelling the benefits of a pedagogical intervention to cultivate self-directed praxis <i>Deon van Tonder & Nicolaas van Deventer</i>
14:40 — 15:10	Cultivating independent thinkers: The triad of artificial intelligence, Bloom's taxonomy, and critical thinking in assessment pedagogy <i>Donnavan Kruger, Anita Lubbe & Elma Marais</i>		14:40 — 15:10	Open educational resources as renewable assessments: Implications for students' intrinsic motivation <i>Dorothy Laubscher & Chantelle Bosch</i>	Fostering critical thinking: Exploring cooperative learning as a pedagogical approach for instruction of student teachers in Economic and Management Sciences in Senior Phase <i>Viné Petzer & Mariaan Oschman</i>
Tea and coffee break (15:15 — 15:30)			Tea and coffee break (15:15 — 15:30)		
15:30 — 16:30	Day's reflection and networking session		15:30 — 16:30	Day's reflection and networking session	
18:00	Dinner		18:00 for 18:30	Gala dinner (Venue: Green Leaves)	



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1—3 November
*Self-directed learning
Towards Critical thinking
and reflection*

DAY 3 : FRIDAY, 3 November 2023	
08:30 — 09:00	Registration and tea/coffee
09:00 — 10:30	Panel discussion: <i>Building a culture of self-directed learning: Collaboration, engagement, and community</i> Facilitator: Josef de Beer Panelists: Carina Labuschagne, Lato Ntwape & Maitthufi Sopelekae
Tea and coffee break (10:30—11:00)	
11:00 — 12:30	Conference chair's forum: <i>Empowering 21st-century learning: Navigating assessment literacy, AI, and critical thinking</i> Facilitator: Anita Lubbe
12:30 — 12:45	Closing of the conference
13:00 — 14:00	Lunch