

2020 Flashback



DEPARTMENT OF
TRANSPORT AND SUPPLY
CHAIN MANAGEMENT

Published Articles 2020

The Department of Transport and Supply Chain Management published the following articles in 2020:

Determinants of logistics outsourcing performance among small and medium enterprises. International Journal of Logistics Systems and Management, Vol 35 (4) – *J Mageto, GC Prinsloo and R Luke.*

<https://doi.org/10.1504/IJLSM.2020.106261>

Skills frameworks: a focus on supply chains. Journal of Transport and Supply Chain Management, Vol 14 – *J Mageto and R Luke.*

<https://doi.org/10.4102/jtscm>

The Johannesburg negotiated bus rapid transit contract: How has it benefitted the stakeholders? Journal of Transport and Supply Chain Management, Vol 14(1) – *T Mbara and B Maseko.*

<https://doi.org/10.4102/jtscm.v14i0.506>

Examining the role of logistics 4.0 enabled dynamic capabilities on firm performance. International Journal of Logistics Management, Vol 27 (3) – *S Bag, S Gupta and Z Luo.*

<https://doi.org/10.1108/IJLM-11-2019-0311>

Industry 4.0 and the circular economy: Resource melioration in logistics. Resources Policy, Vol 68 – *S Bag, G Yadav, LC Wood, P Dhamija and S Joshi.*

<https://doi.org/10.1016/j.resourpol.2020.101776>

Role of technological dimensions of green supply chain management practices on firm performance. Journal of Enterprise Information Management – *S Bag, S Gupta, S Kumar and U Sivarajah.*

<https://doi.org/10.1108/JEIM-10-2019-0324>

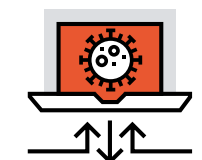
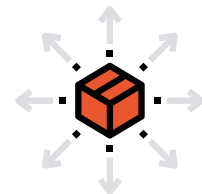
Role of artificial intelligence in operations environment: a review and bibliometric analysis. The TQM Journal, Vol 32 (4) – *P Dhamija and S Bag.*

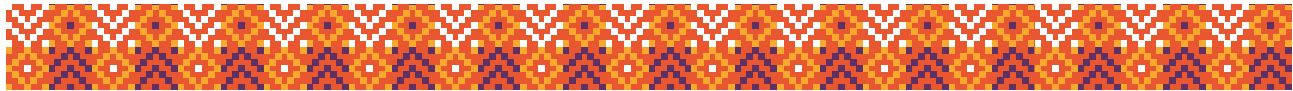
<https://doi.org/10.1108/TQM-10-2019-0243>

Towards understanding key enablers to green humanitarian supply chain management practices. Management of Environmental Quality, Vol. 31 (5) – *S Bag, S Luthra, VG Venkatesh and G Yadav.*

<https://doi.org/10.1108/MEQ-06-2019-0124>

The Association between Regular Use of Ridesourcing and walking mode choice in Cairo and Tehran. Sustainability Journal, Vol 12 – *H Masoumi, H Mostofi and H-L Dienel.* <https://doi.org/10.3390/su12198134>





Correlations of Urban Sprawl with transport patterns and socioeconomics of university students in Cracow, Poland. Scientific Journal of Silesian University of Technology. Series Transport, Vol 108 – *H Masoumi, M Mehriar and K Nosal-Koy*.
<https://doi.org/10.20858/sjsutst.2020.108.14>

Urban commute travel distances in Tehran, Istanbul, and Cairo: Weighted Least square models. Urban Science, Vol 4 – *H Masoumi*.
<https://doi.org/10.3390/urbansci4030039>

Closure and restart as an option for a sustainable South African national airline. Journal of Transport and Supply Chain Management. Vol 14 (1) – *J Vermooten*.
<https://doi.org/10.4102/jtscm.v14i0.477>

Examining the effect of green human capital availability in adoption of reverse logistics and remanufacturing operations performance. International Journal of Manpower – *S Bag and S Gupta*.
<https://doi.org/10.1108/IJM-07-2019-0349>

Service quality expectations of online grocery consumers in Gauteng, South Africa. Journal of Contemporary Management, Vol 16 (2) – *BS Brink, GJ Heyns and PJ Kilbourn (2019)*.
<https://hdl.handle.net/10520/EJC-19eb4b6693>

Workshop 1 report: Models of mainstream public transport provision. Research in Transportation Economics, Vol 83 (1) – *J Walters and J Preston (2020)*.
<https://doi.org/10.1016/j.retrec.2020.100924>

Understanding bidder behaviour: The case of the Mamelodi contract. Research in Transportation Economics, Vol 83 (1) – *J Walters (2020)*.
<https://doi.org/10.1016/j.retrec.2020.100963>

Investigating the quality of university education: A focus on Supply Chain Management. International Journal of learning, teaching and educational research, Vol 18 (8) – *G Heyns, R Luke and J Mageto (2020)*.
<https://doi.org/10.26803/ijlter.19.8.23>

Multimodal accessibility to primary Health Services for the Elderly: A Case Study of Naples, Italy. Sustainability Vol 12(3) – *G Carpentieri, C Guida and H Masoumi (2020)*.
<https://doi.org/10.3390/su12030781>

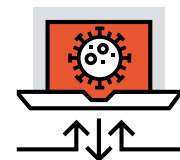
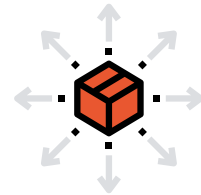
Urban sprawl, Socio-Economic features and travel patterns in the Middle East Countries: A case study in Iran. Sustainability, Vol 12 (22) – *M Mehriar, H Masoumi and I Mohino (2020)*.
<https://doi.org/10.3390/su12229620>

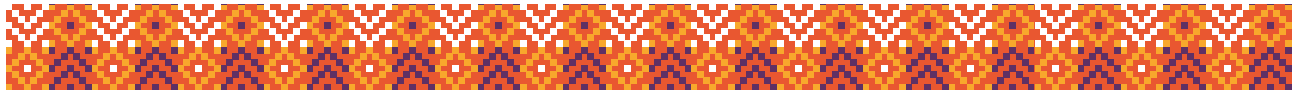
The relationship between regular use of ridesourcing and frequency of public transport use in the MENA region (Tehran and Cairo). Sustainability, Vol 12 (19) – *H Mostofi, H Masoumi and HL Dienel (2020)*.
<https://doi.org/10.3390/su12198134>

Children's independent mobility to school in seven European countries: A multimodal logit model. International Journal of environmental research and public health, Vol 17(23) – *H Masoumi, M van Rooijen and G Sierpiński (2020)*.
<https://doi.org/10.3390/ijerph17239149>



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Forecasting the impact of the COVID-19 pandemic on South African Trade.

The retail and marketing review: Special Covid Edition, Vol 16 (3) – *N Pisa, L Mapamba and C Chengete (2020).*

[doi/abs/10.10520/ejc-irmr1-v16-n3-a9](https://doi.org/10.10520/ejc-irmr1-v16-n3-a9)

Agricultural policies, agricultural production and rural households' welfare in Ethiopia. Journal of Economic Structures, Vol 9 (1). – *ZH Shikur (2020).*

<https://doi.org/10.1186/s40008-020-00228-y>



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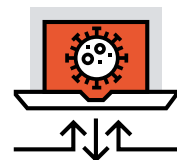
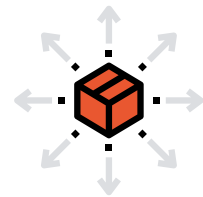
Conference Proceedings

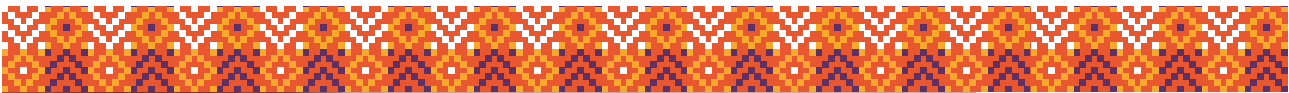
World Conference on Transport Research – WCTR (Mumbai). **An analysis of the quality of public transport in Johannesburg, South Africa using an updated SERVQUAL model.**

– *G Heyns and R Luke.*

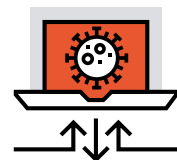
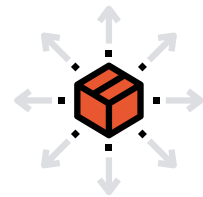
CEP Registration Period

In the beginning of 2020 TSCM had its limited contact Continuing Education Programme (CEP) registration period until end February. With a registration total of 3 083 students. Despite the effects of the Covid-19 Pandemic, CEP programme learning continued throughout the course of the year but the mode of delivery had changed from face-to-face limited contact sessions to online sessions.





DEPARTMENT OF
TRANSPORT AND SUPPLY
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The Department of Transport and Supply Chain Management proudly hosts the Transport Forum SIG

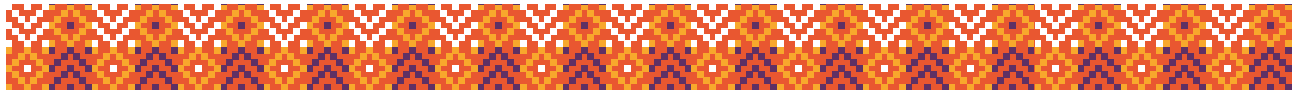
The Department of Transport and Supply Chain Management proudly hosts the Transport Forum SIG four times a year. The first Transport Forum SIG hosted by DTSCM was on 5 March 2020 at the STH Protea Auditorium on the University of Johannesburg’s Bunting Road Campus with the topic **“Do we need High-speed Rail?”** In her opening address, Prof Noleen Pisa stressed that effective transport is pivotal to our economic function. She said that academia and industry should collaborate closely to bring about solutions enhancing our businesses and travel.

Mr Jack van der Merwe, the newly appointed CEO for the Gauteng Transport Authority, revisited the draft white paper on rail. The country needs this white paper to be approved to position rail as the backbone of land transport by 2050. He said that the road dominance we are experiencing, with the associated congestion, is a result of rail being “bad” and not roads being “so good”.

Mr Francois Meyer, GM: Transnet SOC Ltd, spoke mainly from a freight perspective. He said that the debate is not about gauge only. It’s also about gradients, turning radius, axle load, kinematic envelope, cost, etc. It is not viable for Transnet to upgrade its rail network to standard gauge but there is opportunity for certain portions of the network to accommodate high speed rail.

Mr Roelof van Tonder, Director: Market Insight and Development: Africa House, said that developing bulk freight linkages across Southern Africa forms a large part of railway construction projects in the region with the main objective to get copper out of the DRC.



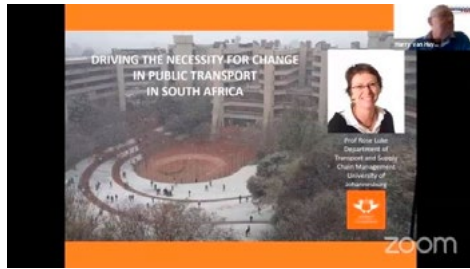


Mr Tommie Snyman, ITS Specialist: Huawei South Africa, stressed that the important thing is the experience of the commuter. They want information available on their mobile device. All systems should be integrated with one Operations Command Centre (OCC) for Gauteng.

Due to lockdown restrictions the Transport Forum SIG was hosted on Zoom on June 4th with the topic **“Industry’s response and experience because of the Covid-19 Pandemic”** and again on 3rd September with the topic **“The impact of the Covid-19 crisis on e-commerce, opportunities for LSP’s and retailers”**.

On 1 October 2020, DTSCM hosted the Annual Transport Forum SIG in celebration of Transport Month with a focus on **“Driving the necessity for change in public Transport in South Africa”**. The forum took place on Zoom.

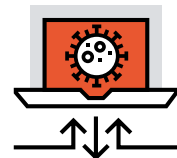
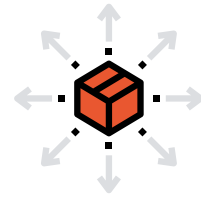
The Opening Address was done by Prof Rose Luke, Associate Professor at the Department of Transport and Supply Chain Management. According to Prof Luke “Public transport has been in the spotlight since the start of the lockdown regulations. We first saw regulations allowing for only 50% capacity in busses and trains, a move that had an immediate impact on income and ability to cover costs. The push back from the taxi industry saw capacity increase to 70% and finally to 100%. It highlighted the tight margins in the industry, but also the power of the taxi industry. During this time many of the structural issues in the public transport industry came to the fore - thin margins, underfunding, political imbalances but also how critical public transport is to the well-being of all South Africans. The pandemic also highlighted what the public transport sector needs. Formalisation, subsidisation, equity, balance, city-wide network plans and more interconnectedness to name a few. We do need a bigger picture – a bigger transport picture allowing us to work towards better accessibility and mobility for all. Now more than ever, we need to work for change in the system”.



Transport Driving the Necessity for Change in Public Transport in South Africa 1 October 2020	
09:00	Session Opening
09:10-09:15	Welcome
09:15-09:45	Introduction to related professional Transport Associations and Gold Sponsors of the Transport Forum
Panel 1: Current Scenario of Public Transport in South Africa	
09:45-10:00	Opening address
10:00-10:05	The Current Scenario of Public Transport in South Africa
10:05-10:45	Funding Scenarios in Public Transport
10:45-10:45	Questions and Answers
Panel 2: Where should we be with Public Transport in RSA?	
11:00-11:00	Where would we like to be with Public Transport in 10 years' time?
11:00-11:00	PRASA's turnaround plan
12:10-12:10	Where we should be with Public Transport in 10 years' time?
12:30-12:30	Questions and Answers

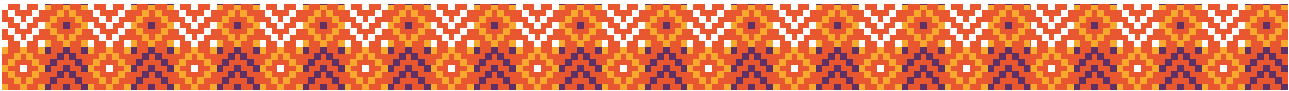


DEPARTMENT OF TRANSPORT AND SUPPLY CHAIN MANAGEMENT

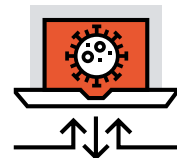
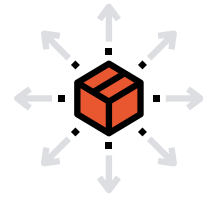


FIRST YEAR SEMINAR

In January 2020, The Department of Transport and Supply Chain Management hosted the First Year Seminar which is a yearly induction for all first year students.

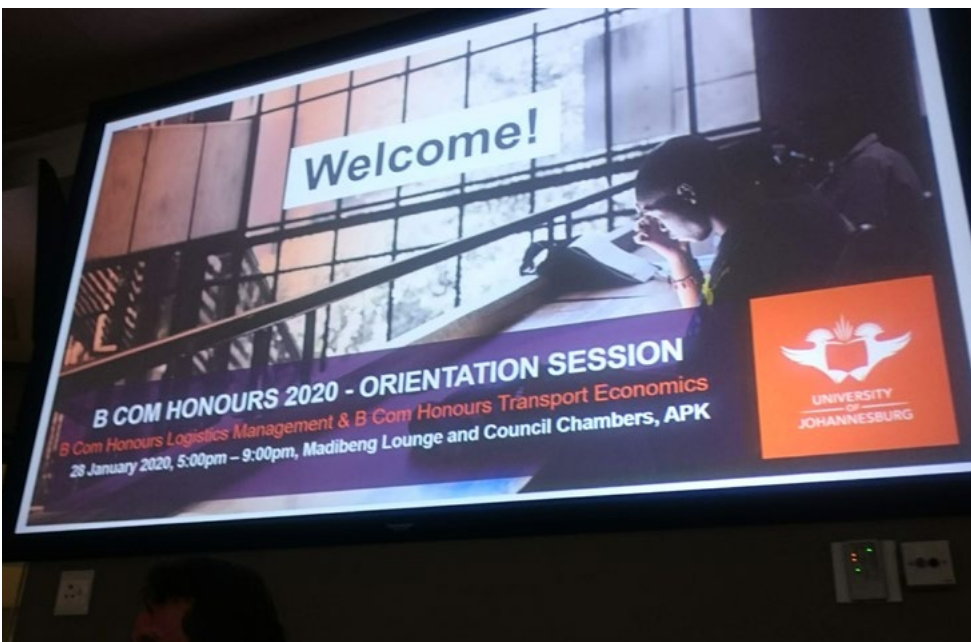


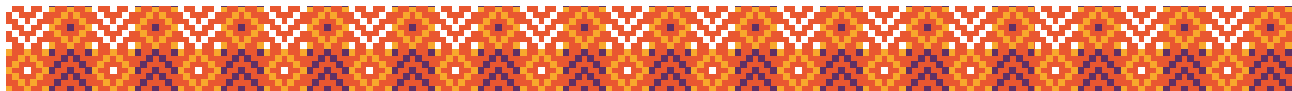
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TRANSPORT AND SUPPLY
CHAIN MANAGEMENT



Advanced Diploma Orientation

The Advanced Diploma Orientation took place on 3 February at the School of Tourism and Hospitality on the UJ Bunting Road Campus. Guest speaker Dr Hendrik van Deventer was amazing, he was motivating and engaged with the students in more than one language. All academics gave presentations on their modules in the Advanced Diploma programmes. Students enjoyed the session, they engaged with the lecturers and were eager to ask questions.



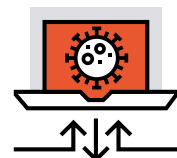
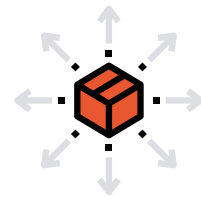


Honours Orientation

The TSCM Honours Programme Orientation took place on Tuesday, 28 January 2020. The session was well attended by students as well as lecturers. A delightful finger supper was catered by STH at the Madibeng Lounge. Students engaged with each other and enjoyed the delicious meal. Prof Noleen Pisa and Dr Peter Kilbourn welcomed the attendees into the Madibeng Council Chambers where they introduced the programmes in a dynamic and engaging manner. Our guest speaker, Mr Sam Kgarimetsa, Regional Supply Chain Manager at Anglo American and former UJ student, delivered an inspiring talk about 4IR and its role in the industry. Students were very excited as each module lecturer delivered their respective address and kept the audience engaged with the subject matter. Students left the Council Chambers well equipped to make good choices in respect of their elective modules. The evening programme was certainly a wonderful accomplishment by the department of Transport and Supply Chain Management.



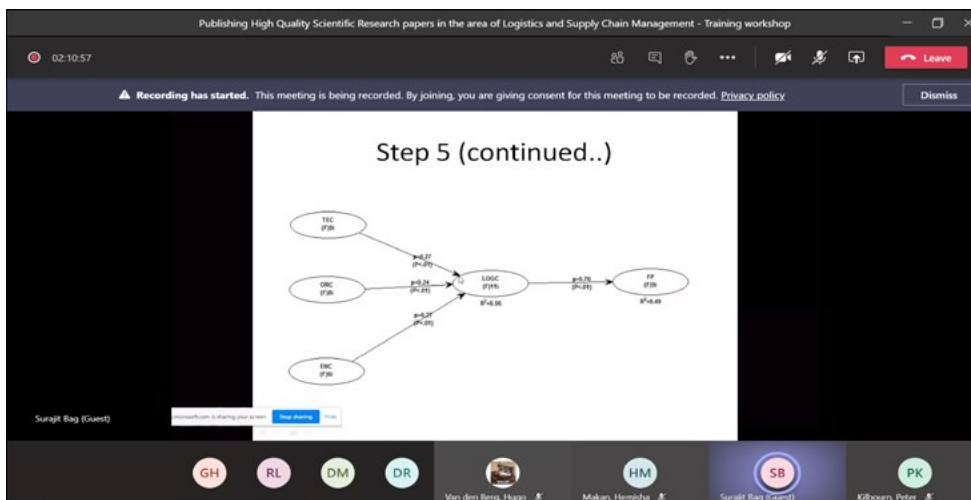
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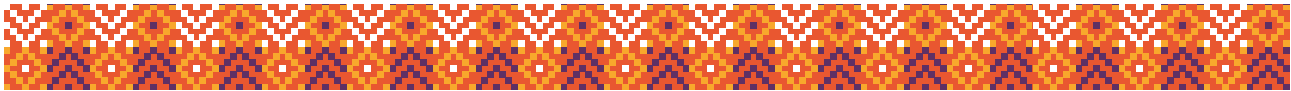


TSCM adapting to working from home!

Prof Surajit Bag, a Visiting Professor of Practice in the Department of Transport and Supply Chain Management (TSCM) conducted a workshop titled "Publishing high quality scientific research papers in the area of Logistics and Supply Chain Management".

TSCM is looking forward to high quality scientific research being published in the near future.





Staff Promotions

Prof Noleen Pisa

Promoted from Senior Lecturer to Associate Professor
HoD: Transport and Supply Chain Management,
School of Management
College of Business and Economics (CBE)

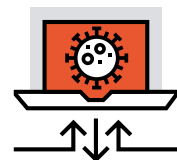
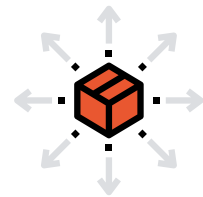
Prof Noleen Pisa holds a PhD from NWU and specialises in international logistics. She serves as the HoD of the largest Department within the CBE.

Noleen has supervised four Masters dissertations and numerous Honours research projects to completion, contributed 6.38 Research Output Units, while her research impact in Google Scholar shows 86 citations, and an h-index of six. Her Scopus-profile shows 13 citations, a h-index of two and a 5-Year Field Weighted Citation index of 0.57.

Prof Pisa serves as member of the CLT (College Higher Degrees Committee, CBE Programme Management Committee) carrying functional responsibilities for crosscutting areas in the CBE. She served from 2015 to 2018 as TSCM Deputy Head (Research and PG studies), manages the R2 million Department of Transport bursary fund and is a member of the Institute of Transport and Logistics Studies (Africa). Key developments under her leadership are with the University of Chinhoyi and the Association of Rectors of Transport Universities, the World Bank, and the National Rail & Transportation Institute India. **Well done Prof Noleen!**



DEPARTMENT OF
TRANSPORT AND SUPPLY
CHAIN MANAGEMENT



Annual Student Awards 2020

The Department of Transport and Supply Chain Management awarded their top achieving students for each qualification offered by the department. Top students received a certificate and a voucher for outstanding achievement.

Road Transport Management (CEP)

Position Student Name and Surname

- 1st Lindokuhle Thenjiwe Petty Mkwanzazi
- 2nd Marco O'neil Fortuin
- 3rd Pooen Pillay

Transportation Management Diploma (CEP)

Position Student Name and Surname

- 1st Maryjane Nkgape Seroka
- 2nd Fezile Eric Deli
- 3rd Raesedja Constance Nkoana

Diploma in Logistics Management (CEP)

Position Student Name and Surname

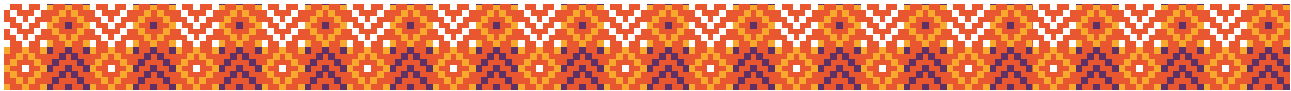
- 1st Ms Khodani Charity Ramatsea
- 2nd Mr Tony Madime Mashilo
- 3rd Mr Sithombe Nolundi Zulu

Diploma in Transportation Management

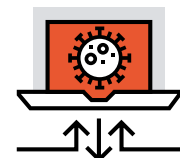
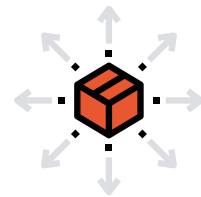
Position Student Name and Surname

- 1st Tamara Lulutho Sirenya
- 2nd Nancy Ouma Anchie Ndlovu
- 3rd Mduduzi Peddy Lebese





DEPARTMENT OF TRANSPORT AND SUPPLY CHAIN MANAGEMENT



Diploma in Logistics

Position Student Name and Surname

- 1st Thabang Sithole
- 2nd Hlengiwe Ndhlovu
- 3rd Ndivhuwo Pitsi

Advanced Diploma Transport (face to face)

Position Student Name and Surname

- 1st Arnold Percy Maluleke
- 2nd Mmqobi Charles Mlambo
- 3rd Phethani Nemusunda

Advanced Diploma Logistics (face to face)

Position Student Name and Surname

- 1st Blessed Moyo
- 2nd Morokwane Martha Kapu
- 3rd Tiisetso Thobeha

BCom (Transport and Logistics)

Position Student Name and Surname

- 1st Sibahle Sonia Malinga
- 2nd Tshepo Sydeny Mabala
- 3rd Boitumelo Bianca Dibakoane

BCom Honours (Transport)

Position Student Name and Surname

- 1st Tiego Dimpho Mahlakwana
- 2nd David Sibusiso Khumalo
- 3rd Audrey Shumari Mushamiri

BCom Honours (Logistics)

Position Student Name and Surname

- 1st Lauren Takalani Rambau
- 1st Nadine Karen Farquharson
- 2nd Nqobile Ngwane

MCom – Specialisation in Supply Chain Management

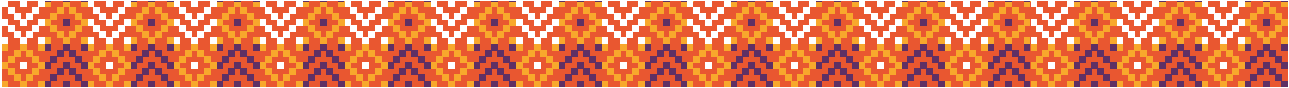
Position Student Name and Surname

- 1st Livhuwani Lillian Mavhungu

Orange Carpet Students

Sibusiso Mahlatse Kutumela & Karabo Dolamo





DTSCM welcomes Prof Adri Drotskie as Director for the new School of Management

Professor Adri Drotskie is the newly appointed Director of the School of Management in the College of Business and Economics at the University of Johannesburg from 1 October 2020.

Prof Drotskie was the Head of Research and Faculty Development at Henley Business School Africa from 2018 to September 2020. She has established a new research centre and focus in Henley Business School Africa called #HenleyAIR (African Insight and Research) which offers collaborative, self-sustainable and revenue generating international research initiatives with impact. Adri lectured on the MBA programme in Research Skills and the elective module Africa Rising and supervises in the areas of Strategy and International Business. She was the MBA Director of the School from February 2015 to August 2018. The Henley Flexible Executive MBA is the only international triple accredited MBA offered in South Africa.

Adri is a lecturer and researcher in the fields of strategic management, international management, contemporary management and strategic marketing. At the University of Johannesburg, she led the MCom (Business Management) programme and strategically positioned it as the best MCom programme in South Africa (2012 to 2014) and amongst the top 3 MBA programmes.

She is a strategist by profession. She has 8 years' experience in the transport industry, 10 years' experience in the financial services industry and 12 years' experience in academia in teaching and learning, research and programme directing on a Master's level (MCom and MBA). Her combination of industry and academic experience led to competencies such as strategic thinking, managing teams, facilitation, action learning methodology, programme and project planning, strategy development and strategy translation from both a process and systemic point of view and sharing of knowledge.



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