

Suné von Solms

Prof. Suné von Solms is an Associate Professor at the Faculty of Engineering and the Built Environment at the University of Johannesburg, South Africa. Suné is a registered professional engineer with the Engineering Council of South Africa (ECSA) and a National Research Foundation (NRF) rated researcher. Her research interests include networks, engineering education and the social and human aspects of engineering.



She is actively involved in engineering and community engagement projects within rural communities. Suné is part of a research team responsible for developing and maintaining relationships with partners in rural communities, exploring the needs of those partners, and designing and developing solutions for the rural communities. Currently, she is involved in the establishment of a Smart Rural Village in Limpopo, where the technologies and benefits of Industry 4.0 is brought to a rural community to assist in rural development. The team is exploring how connecting a village with modern information and smart data collection methods can support livelihood opportunities, provision of services (healthcare, education, clean water, and sanitation), empowerment and sustainability.

Suné is also involved in research relating to skills and competency development of the Industry 4.0- ready engineer. The education needs of engineers working in modern environments will change as the landscape adapt to the Industry 4.0 changes. Currently, her research looks at the cybersecurity-related knowledge and skills which will be required by an engineer in the light of Industry 4.0.