

Can-Can Road Profiler

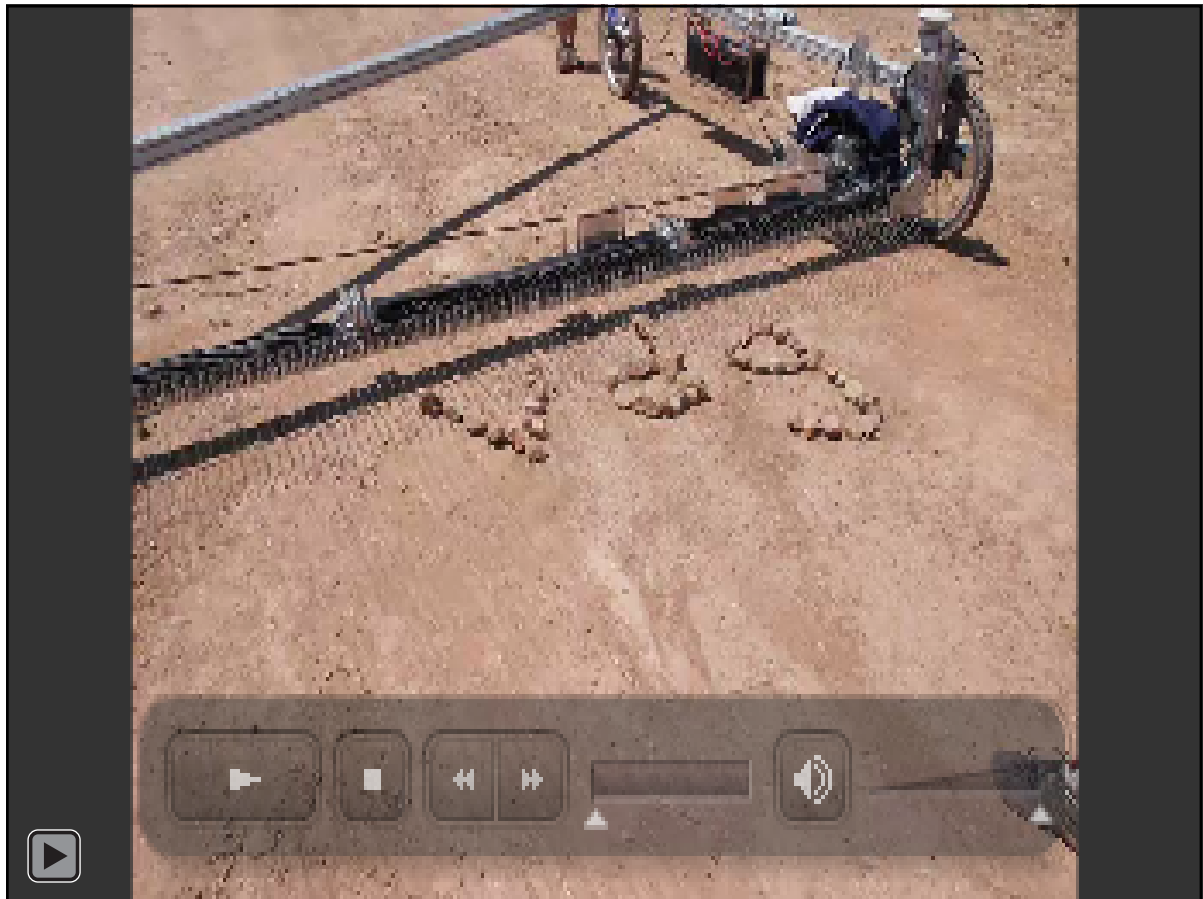
Tuks VDG is currently in the final development stages of a road profiler called the Can-Can Machine. It has 90 arms spaced 40mm apart. The arms can be moved to a distance of up to 4.1m apart, depending on the resolution required (the spacing does not have to be the same everywhere). The height of the rear beam can be adjusted from 160mm to 300mm above the road surface, depending on the amplitudes (roughness of road) to be measured. The track width of the Can-Can machine can be adjusted to be 1.5m, 3m or 4.5m. The data is captured on a DAQ developed by TuksVDG.

This gives the user the ability to accurately measure specific road profiles to use during vehicle simulations at different lateral resolutions.

For more information or road profiles contact Professor Els at Schalk.Els@up.ac.za



Can-Can machine profiling a dirt road



From dirt to numbers

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