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**Home SINGAPORE NEWS** Updated: 15th August 2008**Singapore's biggest science festival, science08 is officially open.**

As part of the festival, the popular three-day science carnival titled X-periment! held at Marina Square Central Atrium, was officially launched by Ms Grace Fu, Senior Minister of State for National Development.

*Shereena Sajeed* brings us the details.

The carnival brings together exhibits by 15 organisations, all with one aim -- to stimulate curiosity and passion in science among the young and the community at large.

One of which is Nanyang Polytechnic's F1 racing simulation of the Singapore Grand Prix, taking place later in September this year.

Ron Ang explains the unique features of their F1 simulator.

"The distinctive feature that our race has is that our game would be exactly what an F1 driver would go through for the Singapore race track and that's exactly what we are doing. We had to go through a lot of references like we had to go around the city a lot of times, around the entire race track, taking a lot of photos of all the buildings, in day time and in night time in order to create the textures for the buildings."

Another exhibit on display at the carnival is Air-mix, an interactive music mixing interface put up by the Engineering faculty of the National University of Singapore.

Janaka explains how the technology works.

"If you look at the disks, they have some markers on the disks, so the camera on top of the can track that marker and when you move it around, it sort of records where the location and based on that, it mixes the music and also if you use different marker it will change to a different music. The reason why we use disks is that, it's sort of a technology that has been made obsolete because of the new media but still we can use this old technology as a handle to new media."

Science08 is a festival that is co-organised by the Agency for Science, Technology and Research or A\*STAR and the Science Centre Singapore, in line with this year's theme of Fast Forward: The Science of Speed.

Stretched over six weeks, the festival aims to attract about 80,000 participants with over 120 events, activities and workshops held across Singapore.