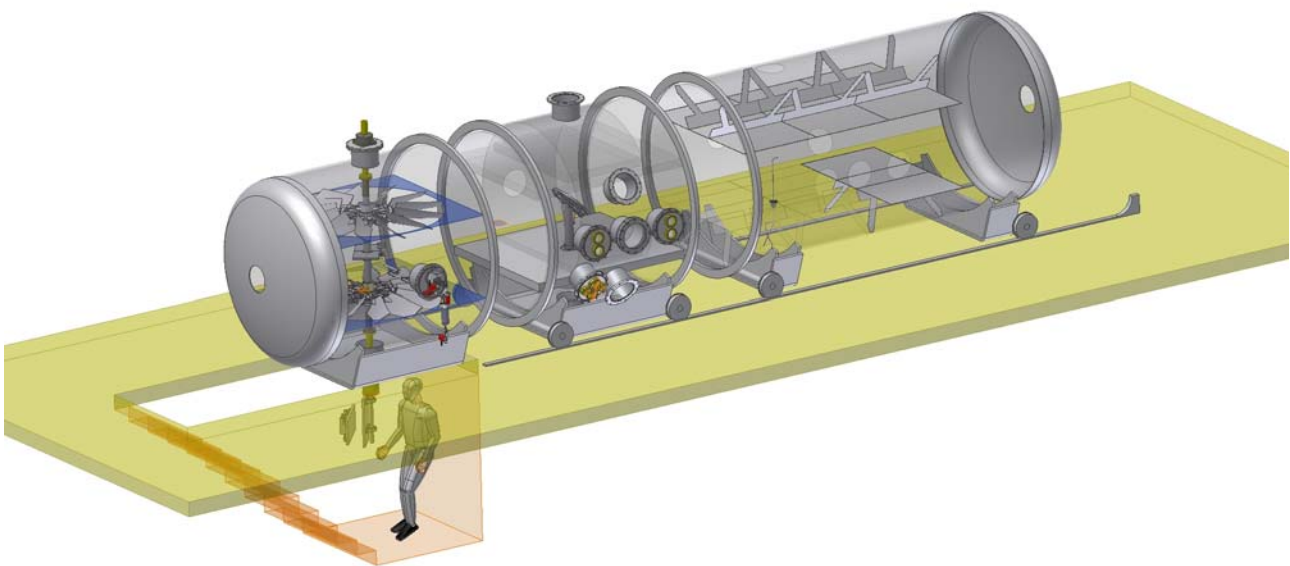




## A forthcoming European Mars Simulation Wind Tunnel Facility at Aarhus University



A new and unique European Mars Simulator Facility is under construction in the IFA basement. We apologise for the inconvenience during the building period, but hope you share our enthusiasm for the project....

The 50m<sup>3</sup> chamber houses a low pressure (0.02-1000mbar), cryogenic (-120°C), environmental wind tunnel capable of wind speeds up to 30m/s.

It will be used for the multi-disciplinary scientific study of aerosol formation and transport (on Mars and Earth), granular electrification, study of magnetic properties, erosion, cohesion/adhesion, water transport, UV induced mineralogy, microbiological survival and many others. It will be accessible to national and international collaborators and space agencies for instrument testing, calibration and qualification.

It has been financed by the European Space Agency (ESA) and the Villum Kann Rasmussen Foundation. Housing and other infrastructure is funded by Aarhus University.

It is due for completion mid 2009.

For more information please contact: Jonathan Merrison or Per Nørnberg.