

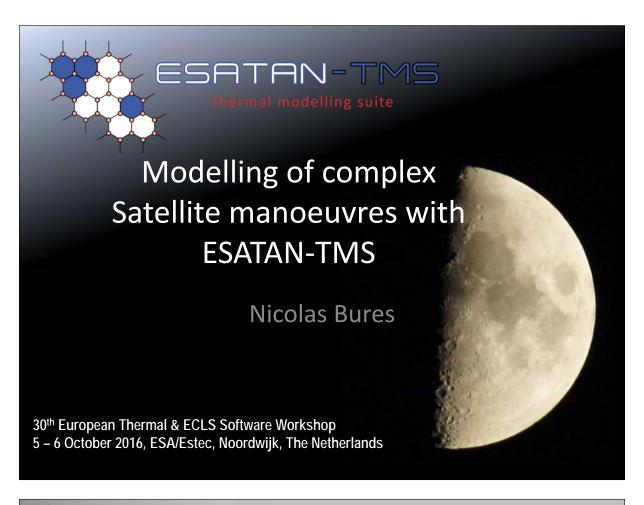
Modelling of complex satellite manoeuvres with ESATAN-TMS

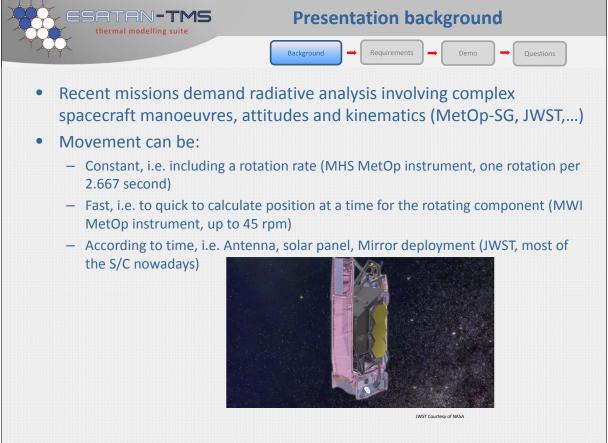
Nicolas Bures (ITP Engines UK Ltd, United Kingdom)

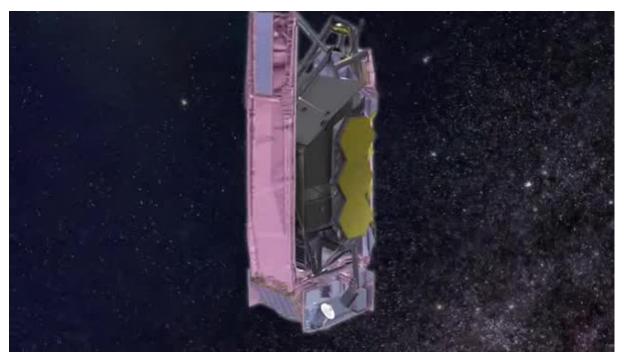
Abstract

Requirements from the Space industry demand performing radiative and thermal analysis combined with more complex spacecraft manoeuvres and attitudes; for example the MetOp-SG project has multiple rotating and spinning components which can prove challenging to model.

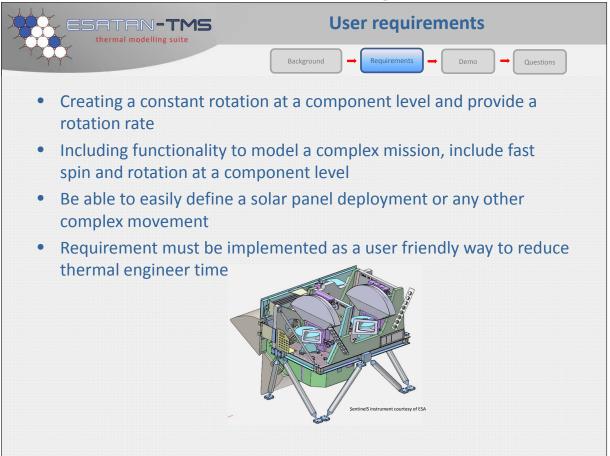
This presentation focuses on how ESATAN-TMS eases the process of defining and visualising complex kinematics as well as performing radiative simulation.

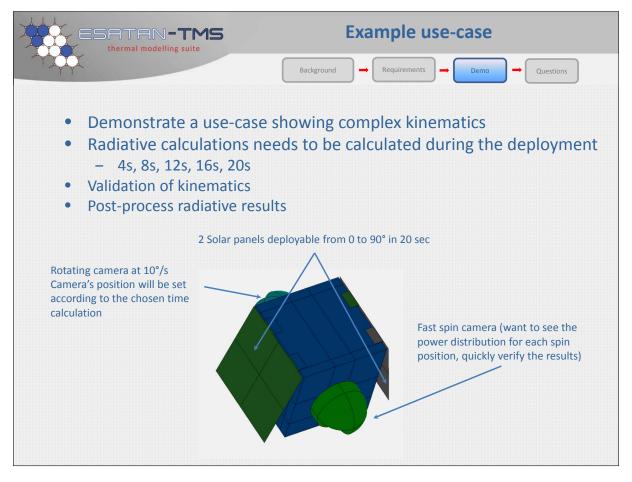


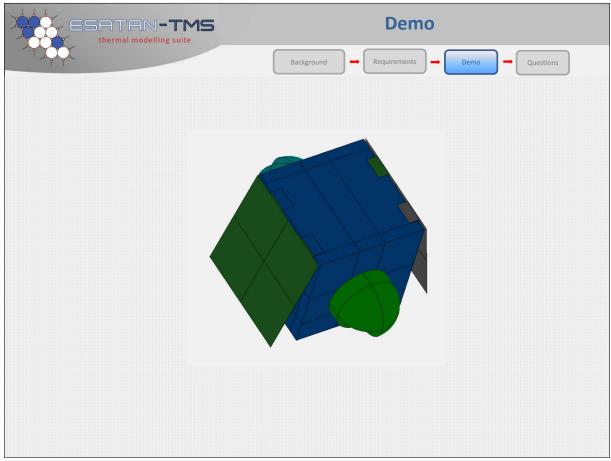


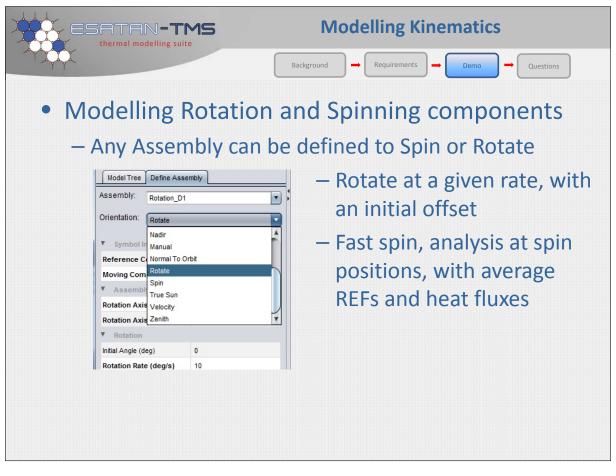


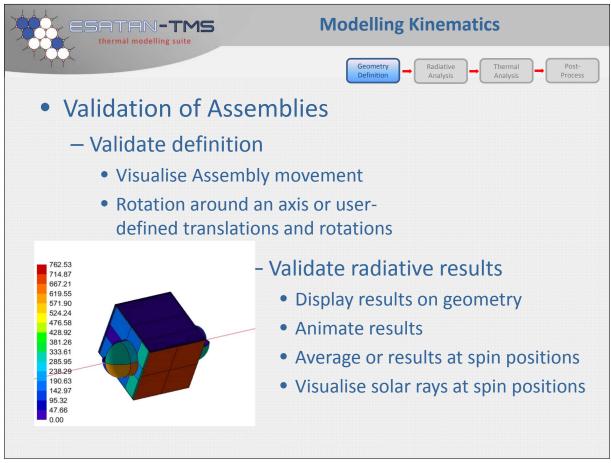
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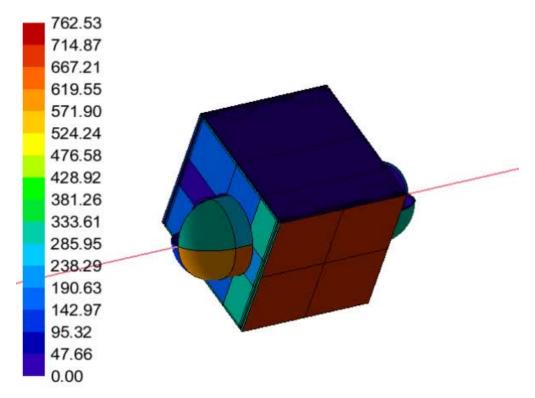




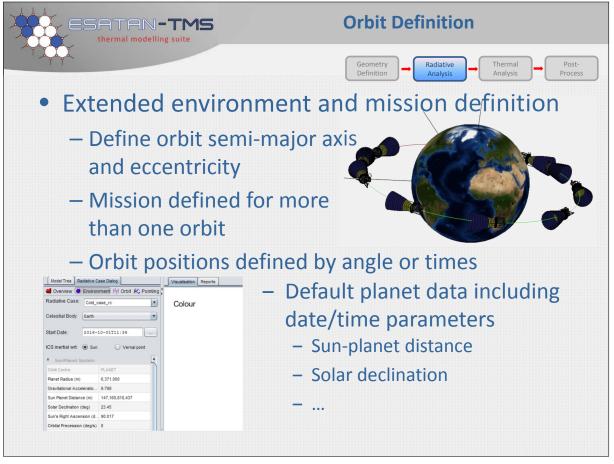


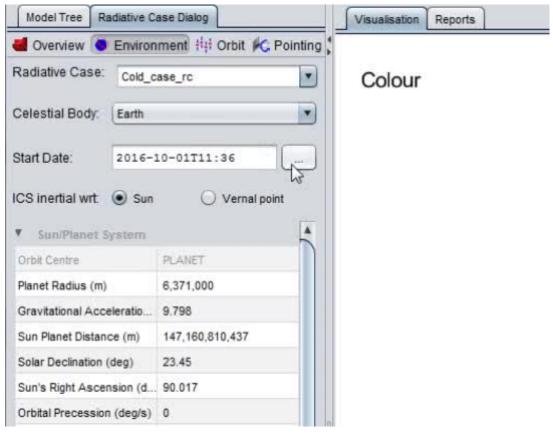






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