

## IFG Challenges

Written by Administrator

Thursday, 10 February 2011 20:42 - Last Updated Thursday, 10 February 2011 21:14

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IFG members were invited to contribute with challenge problems from their specific domain, which we can use as inspiration to develop multi-disciplinary models using DESTTECS technology. The best challenges will be carried out by the consortium members in 2011. During the consortium meeting in Haarlem, the four best challenges have been chosen. Among the criteria for the selection, the most important ones were the scope (can it be done in two man-months) and the domain (is it complementary to what we already do in the project). The challenge winners are listed below.

### **Crisplant (DK) Tilt-Tray Sortation System**



Crisplant delivers integrated and automated sortation solutions for customers within the airport, postal, parcel, warehouse and distribution industries. The goal is to be able to simulate a part of a sortation machine to see how good the model will be able to simulate the functionality of a real challenge problem.

### **Terma (DK) Flare dispenser for a fighter pilot to distracting heat seeking missiles**

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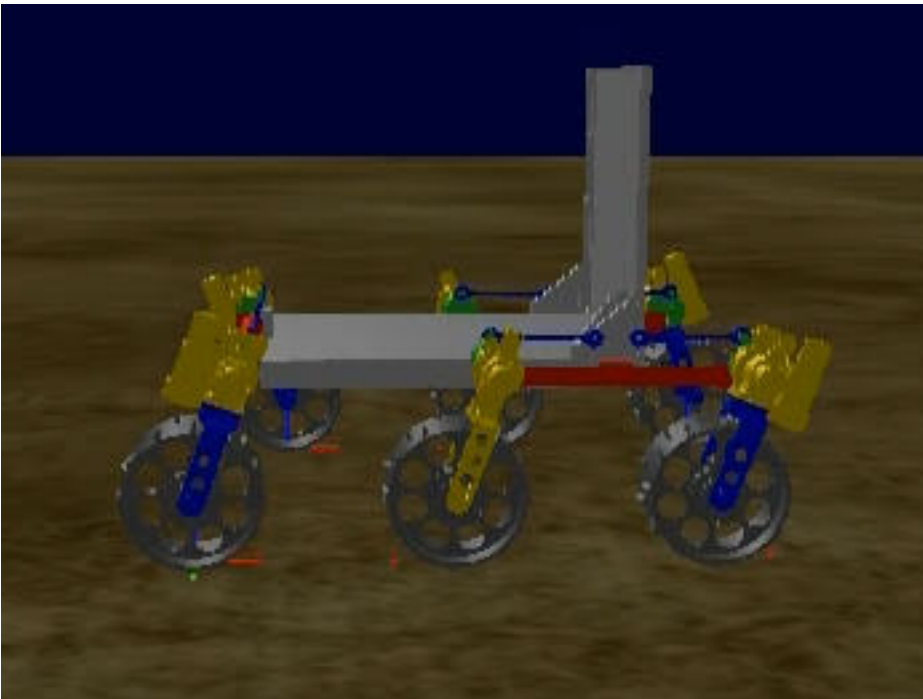
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France is the leading partner in the ESA-ESTEC (NL) Planetary Rover



The ESA automation robotics section wants an investigation of the planetary rover locomotion modes.

### **ASML (NL) Machine and material damage control**

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is the main purpose of the page? The page is a challenge for the user to solve. The challenge is to find the main purpose of the page. What