

Session Program

9-11 Oct 2013

7th ESA Workshop on Avionics, Data, Control and Software Systems - ADCSS 2013

Processing needs for advanced GNC Systems

European Space Research and Technology Centre (ESTEC), Newton
Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

Friday 11 October

08:30

Processing needs for advanced GNC Systems

Session |

Location: European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands |

Convener: Mr Guillermo Ortega

08:30–08:45

Introduction

Speaker

Mr Guillermo Ortega

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

08:45–09:05

User cases: Active Debris Removal

Speaker

Ms Luisa Innocenti

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

09:05–09:25

User cases: Landing on the Moon, Mars, and asteroid

Speaker

Mr Antonio Tramtola

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

09:25–09:45

Implementation options: navigation sensing suite

Speaker

Mr Josef Sommer

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

09:45–10:00

Implementation options: CPU's, busses, networks

Speakers

Mr Luca Fossati, Mr Roland Trautner

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

10:00–10:20

Coffee Break

10:20–10:50

Implementation options: software

Speaker

Mr Salvador Trujillo

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

10:50-11:20

Implementation options: testing, verification and validation**Speaker**

Mr Valentin Barrena

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

11:20-12:00

Wrap up and Open discussion: do we have the technology available?**Speaker**

Mr Alexander Cropp

Location

European Space Research and Technology Centre (ESTEC), Newton, Keplerlaan 1 2201AZ Noordwijk ZH The Netherlands

12:00-13:00

Lunch

13:00