

# ADCSS 2016

10<sup>th</sup> workshop on  
Avionics, Data, Control and Software Systems  
ESTEC  
October 18-20, 2016



- Website and Programme
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- Exhibition
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- Support during the event



**adcss 2016**  
10th workshop on avionics, data, control and software systems



18-20 October 2016  
European Space Research and Technology Centre (ESTEC)  
noordwijk.nl/adcss

**ADCSS 2016**  
Scope & Topics  
Important Dates  
Programme  
Venue  
Registration  
Registration Form  
12.10.2015

The **10th ADCSS workshop** covers topics related to avionics for space applications, in the form of a set of round tables. The workshop acts as a forum for the presentation of position papers followed by discussion and interaction between ESA and Industry and between participants. Each theme part of ADCSS workshops will be first introduced and then expanded by presentations on related developments from technical and programmatic points of view. A round table discussion may follow, concluded by a synthesis outlining further actions and roadmaps for potential inclusion into ESA's technology R&D plans.

Attendance to the workshop is free of charge. Registration is required via this website no later than **October 12th, 2016**.

*All material presented at the workshop must, before submission, be cleared of any restrictions*



**All material presented at the workshop must, before submission, be cleared of any restrictions preventing it from being published on the ADCSS web site**



# Timetable



	Tuesday Oct. 18 <sup>th</sup>	Wednesday Oct. 19 <sup>th</sup>	Thursday Oct. 20 <sup>th</sup>
09:00	Registration	Mega-constellations and compact avionics	Avionics Systems for Exploration Missions
10:00	Welcome		
	SAVOIR		
13:00 – 14:00	Lunch	Lunch	Lunch
14:00	Technology Roadmaps	Mixed Criticality Systems	Automated Code Generation for AOCS
15:40	Exhibitors Flash Presentations		
17:00	Model Based Engineering		
18:30			
19:00	Walking Dinner		



- Presenters please be sure to meet your session coordinator to load and try your presentation **before the session start** (coffee break).
- The time for presentation is very tight, please **be punctual when presenting**.
- During the session of Q&A please introduce yourself and come to microphone for questions

# Coffee breaks

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## 18th of October- Coffee break slots:

- 08:30-10:00 *cookies*
- 16:30+30min *mini muffins - mini donuts*



## 19th of October- Coffee break slots:

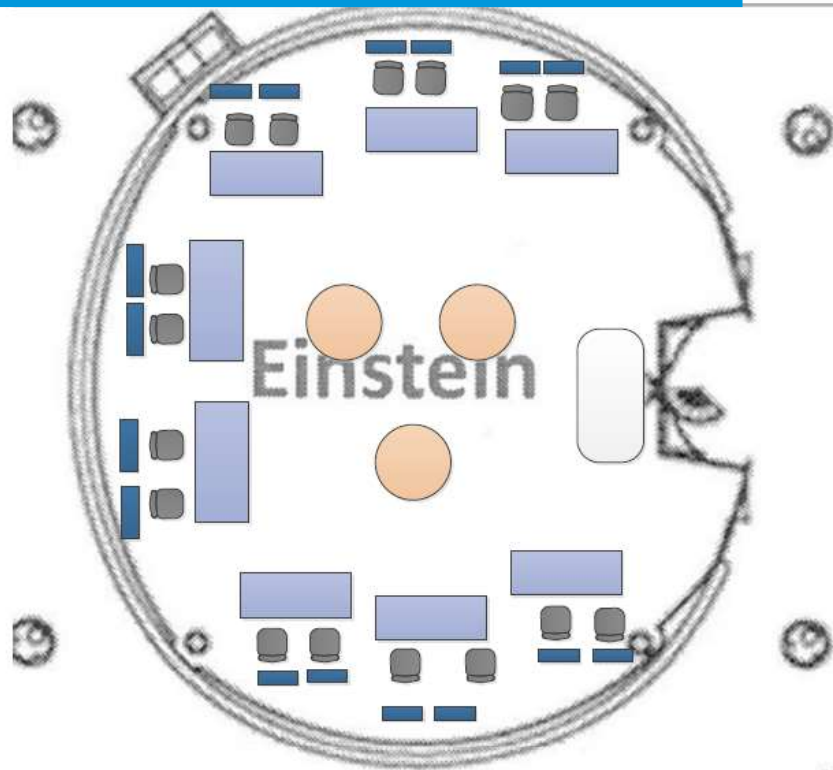
- 10:20+30min *pain au choco, mini croissants mini pain au raisin*
- 16:30+30min *mini muffins donuts*



## 20th of October- Coffee break slots:

- 10:45+30min *mini muffins donuts*

# Exhibition



**TTTech**

**COBHAM**



Cobham Gaisler AB

RAMONchips



Atmel

skylabs

**MICROCHIP**

**SPACE IC**



# ADCSS 10<sup>th</sup> anniversary – Walking dinner



**Starting at 19:00 tonight (October 18<sup>th</sup>)**

**Held in ESTEC Restaurant**



**The menu is available on <http://adcss.esa.int>**

**PS! Vegetarian and gluten free options are available**

# Mars EDM landing



19<sup>th</sup> of October @ 16:52 (CET) - atmosphere entry

Live feed during coffee break at 16:30 in session 3 of day2

More info will be given during session 2 today



## Live webcast from ESOC

<http://livestream.com/ESA/marsarrival>



# Upcoming Events



## 2016

- **TEC-ED & TEC-SW Final Presentation Days**  
6-7 December 2016, ESA/ESTEC, The Netherlands  
<https://indico.esa.int/indico/event/146/>
- **Model-Based System and Software Engineering - Future directions**  
8 December, ESA/ESTEC, The Netherlands  
<https://indico.esa.int/indico/event/161/>



## 2017

- **Simulation and EGSE for Space Programmes - SESP2017**  
28-30 March 2017, ESA/ESTEC, The Netherlands  
<http://esaconferencebureau.com/2017-events/17c01>
- **TEC-ED & TEC-SW Final Presentation Days**  
30-31 May 2016, ESA/ESTEC, The Netherlands  
<https://indico.esa.int/indico/event/165/>
- **CAN in Space Workshop**  
14-16 June 2016, 70042 Mola di Bari (BA), Italy  
<https://indico.esa.int/indico/event/162/>
- **11th Workshop on Avionics, Data, Control and Software Systems - ADCSS2017**  
17-19 October 2017, ESA/ESTEC, The Netherlands  
<http://adcss.esa.int>

# Future events – mailing list



**adcss 2016**

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European Space Research and Technology Centre (ESTEC)

Europe/Amsterdam timezone

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Venue & Practical  
Information

If you would like to stay up to date of Future Events, please register to our Mailing List via the following link: <https://lists.estec.esa.int/lists/>

**Future events:**

**ISC2016 - 7th International SpaceWire Conference**

25-27 October 2016 Yokohama, Japan

Website: [2016.spacewire-conference.org](http://2016.spacewire-conference.org)

**Final Presentation Days**

06 & 07 December 2016

Newton 2 ESTEC

**SESP2017 - Conference on Simulation and EGSE for Space Programmes**

28-30 March 2017

Newton Conference Centre ESTEC



Visitors have received safety and security leaflet.

In particular be aware of the following:

## Emergency procedures

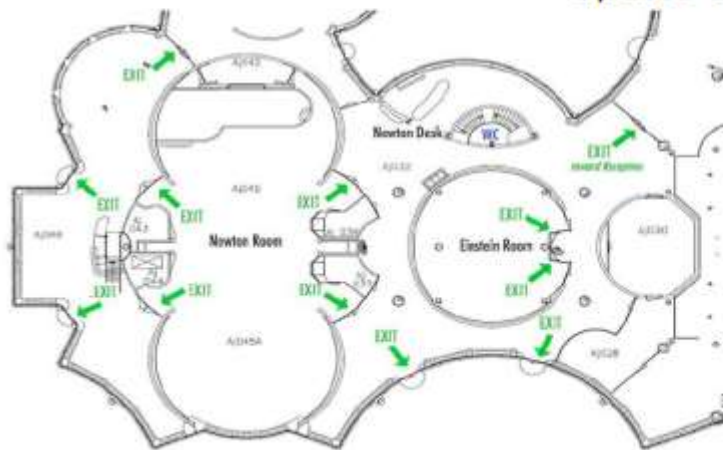
In case of emergency e.g. fire, accident or incident, call:

**ESTEC emergency number (071-565) 3333**

You will be asked to provide the following information: your name, location, the nature of the emergency and number of casualties.

# Emergency Exits

Emergency instructions are displayed on the walls in all areas.  
In the event of an emergency evacuation, please remain calm and follow your host and the green signs to the nearest exit.  
Proceed to the outside assembly area near building Ya (ESCAPE sports centre).



# Reminders

## Mobile phones

Please set your cell phone to  
**"silent"** mode during  
presentations.



## Pictures

Recording pictures/video is  
**strictly forbidden** while  
visiting the ESTEC premises.



## Information & Registration Desk



Tuesday from 08:30 – 17:00  
Wednesday from 08:30 – 16:30  
Thursday from 08:30 – 16:30



### Telephone Extension

Bertilla Sinka: **58559**

Kathleen Gerlo: **53781**