



# NewsLetter

Hosted by Euroavia Pisa Affiliated Society



#211 - January 23, 2013

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## From Newsletter PWG...

Hi people! I'm very happy to write this month, this beautiful month. I say it because I'm finishing the last exams of a three year University degree. So, this is my proud month!

But, we must speak about this EUROAVIA month. How you will see after, there are a lot of contributions, and a lot of kinds of contributions. Indeed, the WGs are contributing in significant way to increase and to improve the NL. So, we can find and enjoy a lot of informations about the inner and outer structure of EUROAVIA.

A new idea is born in my brain. I want insert at the beginning in every NL an image which represent one EUROAVIA AS. So, you send me a picture that you think representing your EUROAVIA AS and that image will appear on the cover of NL. What do you think? If you have an idea or just an opinion, you'll send me an email. We could work together. We start with a image of AS PISA, whose I'm part.

This is enough, so, Enjoy this NL!

Bye good people!

*Giusy Falcone*  
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## IB report

Dear EUROAVIANS,

The new year has started and we are confident that it will be a very great year for our association. While struggling with exams, we are working hard to prepare the last details of the training for the Formation Workshop. It promises to be an amazing event, not only for the extremely vibrant and alive city where it will be held, but also for the extreme high quality of that training that it will be given. Professional training (like the one organized by EADS' PROGRESS trainers) and EUROAVIA experiences will be mixed for a whole week where you will undergo a real-life work situation.

The international life of EUROAVIA is extremely active at the moment, so far that we can proudly say that there will be one international event per month at least till July! Check the table with international activities to have a full overview of these amazing opportunities.

We are constantly focused on finding new possibilities, collaborations, projects that would make your and our experience in EUROAVIA better. Just to give you an idea, we are currently in contact with societies like AYAA, the Australian Youth Aerospace Association, or UKSEDS, the UK Students for Exploration and Development of Space, seeking for common goals and objectives to share. An example is the UKSEDS International Student Space Conference 2013 to which all EUROAVIA members have been officially invited. Moreover, during the conference itself EUROAVIA will have the possibility to give a short presentation and a stand in the exhibitionary for a better visibility toward students and companies.

Other examples of collaborations that EUROAVIA is currently holding are represented by CEAS, the Council of European Aerospace Societies of which EUROAVIA is an associate partner, or IFISO, the Informal Forum of International Student Organisations. Every opportunity of networking can set aside thousands and thousands of amazing openings that may totally shake up your life!

And of course, we are not only looking "outside". Internally, our attention is focused on improving the communication between the International Board, Working Groups and Affiliated Societies. It is of no purpose to set so many opportunities if there isn't anybody that can benefit from them. The Affiliated Societies WG is trying to keep up with Board of Presidents to have a direct feedback from Affiliated Societies and the IT WG is busy improving the mailing system, the database and creating the new website that will be the common platform for all our members.

Stay tuned to hear more and more amazing news about EUROAVIA.

Ciao,

*Marco Marino*

International Board

Secretary

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## UKSEDS International Student Space Conference

Dear EUROAVIA members,

UKSEDS invites you to join us for the International Student Space conference 2013 - Hosted by the University of Bristol, February 22<sup>nd</sup>, 23<sup>rd</sup> and 24<sup>th</sup>.

The conference will see almost 30 speakers for academia, industry and a variety of leading space science groups as well as an exhibition of sponsors featuring our lead sponsors **Astrium Ltd** and the **Royal Astronomical Society** offering a unique opportunity for EUROAVIA members to network with leading UK space companies. You will get a unique chance to see **Bridget, Astrium's Mars Rover test-bed** which appeared on the BBC's StarGazing Live programme very recently.

We can also announce that we have secured **Alan Bond**, the founding Director of Reaction Engines Ltd. and inventor of the SABRE engine, as one of our keynote speakers.

On the Saturday night however we have a packed programme, with a **FREE sponsored wine reception** in our **exhibition area**, which will be the perfect time to network with some of the key figures in industry. We then move to the **25<sup>th</sup> birthday celebrations** of the UK chapter of the global 'Students for the Exploration and Development of Space' (SEDS) group. We've booked exclusive use of the **"Under The Stars"** boat along Bristol Harbourside. Arriving at 8pm you'll be able to enjoy a tasty buffet meal and mingle with the other delegates, exhibitors and speakers.

For EUROAVIA members we are also lining up a series of activities on the Friday to make your time in the UK all the more memorable. The full itinerary is to be confirmed but we are looking at including tour of Bristol, an 'early bird' look at the exhibition, dinner with some of our speakers and a Friday night introduction to the Great British institution, the pub.

For full information about the conference, please check out our minisite: [www.ukseeds.org/conference2013](http://www.ukseeds.org/conference2013).

Registration for the conference can also be found on the mini site. As **'student non-member'**, the main conference will cost £15 (18 Euros) with an additional £10 (12 Euros) for the social, which we hope you will agree is an absolute bargain.

Registration does not however include any travel, accommodation or catering for the three days (aside from lunch on Saturday/Sunday and the aforementioned free wine reception).

UKSEDS has provided a selection of accommodation options and we are looking into providing a group booking. Please contact [conference@ukseeds.org](mailto:conference@ukseeds.org) with subject **'EUROAVIA group booking'** if you would like us provide a group booking for you.

UKSEDS can recommend flights to Bristol International Airport which has access to most European airports. You should aim to arrive in Bristol city centre by 12:00 on Friday 22<sup>nd</sup> and leave Bristol 20:00 on Sunday 24<sup>th</sup>.

We will be sending out more details of the itinerary for the conference in the coming weeks but in the meantime I hope you like what you see and I look forward to welcoming you to Bristol in February.

Yours sincerely,

*Damian Rumble*  
UKSEDS Chair  
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<http://ukseeds.org/>



## Happening around Europe

### Istanbul

#### Formation Workshop 2013 Istanbul

Dear EUROAVIAns,

- Do you want to be one of the top leaders of your association?
- Do you want to professionally lead the members and be a landmark of your organization?
- Do you want to improve your knowledge by learning from professionals and also have fun?

If the answer is **YES**, **sign up today** for the **Formation Workshop**, organized by **EUROAVIA Istanbul** between the 27<sup>th</sup> January and 3<sup>rd</sup> of February!

Let's learn more about this amazing upcoming event:

The Formation Workshop is a one week high quality training event that was designed to increase your **knowledge** and share **best practices** between members and top leaders. Furthermore, after completing the Formation Workshop you will have attained and practised various **leadership skills** and you will be able to carry on with passion and dedication the successful achievements of EUROAVIA.

#### Why an unique event?

Because you'll have the one-of-a-kind chance to attend **trainings delivered by EADS' PROGRESS representatives!** (learn more about the programme [here](#)). Furthermore, don't miss the **special sessions led by executives**, where you can learn detailed tips and tricks to improve your **management skills**. These sessions are designed to drill down into specific topics by providing best practices on skills and strategies needed for business success.

Make sure to attend the **interactive sessions offered by experienced members of EUROAVIA** where you will be able to **simulate**

a **real-life-work situation** and you will be able to ask questions and get the answers you need to immediately **gain the full value of your association**.

Moreover, don't forget about the **rich cultural and social program** that has been carefully prepared for you in the **biggest city and historical heart of Turkey**. A vibrant location, which promises to offer a memorable experience.

You can find more details and the preliminary program on the [website](#).

Keep updated by constantly checking the event's [Facebook page](#), oh which step-by-step we will reveal a part of the surprises prepared especially for you!

#### Apply today!

Looking forward to meeting you there,

*Jacqueline Chindea*

International Board

President

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### Sevilla

#### UAV's and Flight Control System Symposium

Dear friends from across Europe,

EUROAVIA Seville is proud to announce and invite you to attend an amazing event, on which we have been hardly working for you in the past months: the **UAV's and Flight Control System Symposium**, held between the **4<sup>th</sup> and 9<sup>th</sup> of March**. You will have the unique chance to experience an Andalusian journey through research upon Unmanned Aerial Vehicles and the latest advances performed in Avionics and Flight Control Systems. The sessions: workshops, conferences or laboratory visits, all these will be accompanied by a special discovery of our beautiful city.

Join us by subscribing to our event starting with the 17<sup>th</sup> of **January** and be one of the **21 attendees** with a participation fee of just **100 EUR**. If you desire to experiment as well the optional day (Saturday, 9th of March), for which we are preparing a lot of surprises, the fee becomes 130 EUR.

Please check further information upon the schedule, application procedure and deadlines or Seville on the events website, <http://www.euroaviasevilla.es/uavsymposium/>.

### SymposiumEASEVILLA

Check out this amazing video!.

Don't miss this great chance! We are looking forward to meeting you!

If you have further questions, don't hesitate to contact us at [euroaviasevilla.iem@gmail.com](mailto:euroaviasevilla.iem@gmail.com).

With best regards,

*Paula Salas de los Rios*  
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## Toulouse

### AS Toulouse Report

EUROAVIA Toulouse has started spreading its wings! After being deactivated for a long time, the Toulouse branch of EUROAVIA has been reborn like a little Phoenix, gaining power from its long heritage. In the Autumn of 2012, the initiative of some very ambitious aerospace engineers has turned to reality. Of these, I would like to name only a few but to thank everyone who contributed: Giuseppe Ferraioli, Florian Ehrig, Alfonso Serrano-Alcalá and Crescenzo Amendola. Thanks to all of these contributors we have once more the opportunity of interacting with the strongest aerospace

students' association in Europe.

Since the re-foundation of EUROAVIA Toulouse, we have been very busy and we would like to explain some of our work. First of all, there was a lot of work to be done to become a true organization: going to meetings with companies, signing sponsorship and collaboration contracts, recruiting new members, designing a logo for our branch, organizing company visits and many more, as I am sure EUROAVIA members already know.

We are now a young organization on the rise, counting around 50 members right now, but we are growing every week. The best feeling is when we come to the meetings and we greet our newest members.

One of the most important actions conducted by our members was attending the Toulouse Forum of Technologies, where some of us got our feet wet in business negotiations. Our attendance was a success, both from the educational and the business standpoints.



*Visit of Toulouse Forum of Technologies*

Recently, we started our company visits and the feedback is impressive in numbers and spirit! We visited the CNES institution (the French Space Agency) on the 7<sup>th</sup> of January and we were very pleased with this opportunity. We were given a presentation of the company, as well as guided tours to the ATV Command Center and to the CADMOS (Micro-gravity medical research center). We were able to get all our questions answered through Q &

A sessions, making the visit exquisite. Overall, it was a great event, a visit which couldn't have been organized outside the EA association. More and more students are interested in company visits and in EUROAVIA right now, because they had a taste of the joys our branch is able to give.



*Visit of Toulouse Forum of Technologies*

Even after the CNES visit, we are still very busy, organizing a social event and having one visit scheduled to ASTRIUM, one of the most important providers of space services, on the 18<sup>th</sup> of January, and a visit to the A380 Final Assembly Line planned for the 8th of February! We are very serious about giving people what they deserve, and that is the chance of becoming Europe's best aerospace engineers!

We will keep you posted with our evolution, but we are confident that we will continue evolving at a fast pace.

Are you eager for knowing more in detail about the biggest EUROAVIA international event? Stay connected with us and you will find out!

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## Leadership challenges in EUROAVIA operations

Lessons Learned from our 53 Years Story and Analogous International Organizations

EUROAVIA is a Multi-national, multi-organizational team dispersed across multiple locations, time zones and work schedules.

Four main types of leadership challenges can be highlighted:

1. Team members dispersed across sites, organizations, time zones that implies:
  - (a) Team meetings occur outside of normal hours
  - (b) Loss of face-to-face communication cues
  - (c) Dissimilar organizational structures and cultures
  - (d) Building working relationships more difficult
2. Historical differences between partner organizations
3. More effort required to maintain morale and motivation of local team:
  - (a) Running the Association is a marathon and not a short sprint
  - (b) Local team not told why other groups changed plan
  - (c) Worker often has to carry on without answer
4. Constant change at all levels

Leadership approaches for successfully addressing these challenges can be so identified:

1. Ensuring effective communication:
  - (a) Give written agenda to international team in advance
  - (b) Ask others to repeat what was agreed, to find hidden misunderstandings
  - (c) Over communication across multiple modalities
2. Cultivating robust relationships (this is an essential part of the job itself, not just a nice thing to do)

- (a) Remember trust is built slowly on dispersed teams
  - (b) Socialize with team members
  - (c) Face-to-face meetings are crucial
3. Fostering flexibility and open-mindedness
- (a) Adapt your work as the situation changes
  - (b) Focus on joint goals, not winning a disagreement
  - (c) Tolerate ambiguity or disagreement (for non-essential issues)
  - (d) Do extra work to eliminate ambiguity (for important issues)
4. Expanding cultural awareness (to be aware of specific cultural differences such as about expected behaviour during meetings or outside of formal work time)
- (a) Be aware of cultural differences relevant to your job (national, organizational, gender)
  - (b) Show that you are making an effort to accommodate
  - (c) Look for clues that you and partners are operating under different assumptions
5. Seeking and providing training (the collective wisdom and detailed advice gather from previous experience should be shared with all team members)

As conclusion, an important factor in the success of EUROAVIA operations to date has been the ability of the individuals to effectively resolve the many leadership and cultural challenges identified before.

*Giuseppe Ferraioli*  
President AS Toulouse  
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## From WGs

### DeWo WG

Dear fellow EUROAVIANS,

Much time has passed since last time the Newsletter saw a Design Workshop WG report, but here we are, more active and motivated than ever! After long periods of total inactivity (or very low activity), the DeWo WG has been brought back to life by an International Board, aware of the importance and reputation of such an event: a three week Workshop working in a team with the best students in Europe upon a Design topic in a worldly renown company is the most amazing hands-on and networking experience that a student could ever have!

Organizing a Design Workshop has always been a matter of pride and great visibility toward the Aerospace Industry and EUROAVIA members, and this year the International Board has set up a team of great motivated members and gained control back of all the bureaucratic tools necessary for letting EUROAVIA shine more than ever in Europe.

The team, officially known as DeWo WG, is part of the International Events WG. After what was decided during the AMEAC 2012 in Zagreb, many things changed and new people joined the group. The current members are:

- Marco Marino (Coordinator, IB)
- Mario Natella (Secretary, AS Napoli)
- Arnau Miró (Treasurer, IB)
- Lakshmi Sabbapathy (AS Delft)
- Gregorio Gerardo Spinelli (AS Napoli)
- Kian O'Hara (AS Delft)

The DeWo WG started working right after AMEAC 2012, improving the Design Workshop Proposal, defining a list of possible hosting companies and contacting them to propose a collaboration for organizing the Design Workshop 2013. A very fruitful collaboration with the EYE WG was set up in order to train better the DeWo WG members in the contacting and dealing with companies part.





As you can easily imagine, not all companies were prompt in replying or showed great interest after our first contact (there is a reason why no DeWo has been managed to be organized since 2007). At the current state, no hosting company has been found yet. Nevertheless, 2013 is going to be a great year, in which the Design Workshop seems more possible than ever. For this extreme positive feeling, we have to thank and congratulate Lakshmi, that after talking with the Dean of the Faculty of Aerospace Engineering of TU Delft, managed to convince him to let her give a presentation to the Industrial Board of the faculty. Representatives from all companies TU Delft collaborate with in the Aerospace Engineering research world were present at a meeting held at the end of December. In only five minutes, Lakshmi managed to give an outstanding, passionate presentation, and raised more enthusiasm than ever for the Design Workshop in all people present at the meeting.

After the presentation, many detailed questions followed and the discussion continued in the coffee

break where some companies approached Lakshmi for more information and for her contact details. Now we are currently waiting for these companies to come back to us with a feedback about the project and the proposal we presented them. Finger crossed!

Stay tuned for more news from the DeWo WG: a Design Workshop 2013 seems more possible than ever!

*Marco Marino*  
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Secretary  
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## Said in Europe

When the going gets tough the tough get going.

## International schedule

Date	Place	Activity	Topics / Internet contacts
27/01 - 03/02	Istanbul	Formation Workshop 2013	<a href="#">Website</a>
23/02 - 24/02	Bristol	UKSEDS National Student Space Conference	<a href="#">Website</a>
<sup>c</sup> 04/03 - 09/03	Seville	UAV's and Flight Control System Symposium	<a href="#">Website</a>
21/04 - 27/04	Bremen	EMEAC 2013	
26/05 - 01/06	Braunschweig	Civil Friendly Aircraft	
17/06 - 23/06	Paris	Fly-in Paris Le Bourget	
08/08 - 12/08	Covilha	Air Cargo Challenge	



## List of acronyms

<b>AC</b>	Associated Company	<b>IB</b>	International Board
<b>AMEAC</b>	Annual Meeting of the Euroavia Congress	<b>ICM</b>	International Contact Member
<b>AS</b>	Affiliated Society	<b>IEM</b>	International Editor Member
<b>CA</b>	Central Archive	<b>LB</b>	Local Board
<b>DeWo</b>	Design Workshop	<b>NAM</b>	News Advertisement Member
<b>DIB</b>	Designated International Board	<b>NL</b>	Newsletter
<b>EA</b>	Euroavia	<b>PAS</b>	Prospective Affiliated Society
<b>EYE</b>	Euroavia Young Engineers	<b>PWG</b>	Permanent Working Group
<b>EMEAC</b>	Elective Meeting of the Euroavia Congress	<b>SM</b>	Supporting member
<b>FoWo</b>	Formation Workshop	<b>TSP</b>	Travel Support Program
<b>FSP</b>	Financial Support Program	<b>WG</b>	Working Group



Associated Companies

**EADS**



**EUROCOPTER**  
AN EADS COMPANY



**AIRBUS**  
AN EADS COMPANY



**CASSIDIAN**  
AN EADS COMPANY



**ASTRIUM**  
AN EADS COMPANY

**P3 | VOITH**  
aerospace



**DLR**

**Deutsches Zentrum  
für Luft- und Raumfahrt e.V.**

**BDLI** 

**CEAS**

The Euroavia Newsletter is published monthly by the *Newsletter Permanent Working Group*  
Coordinator: *Giusy Falcone* e-mail: [newsletter@euroavia.eu](mailto:newsletter@euroavia.eu)

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