



# NewsLetter

Hosted by Euroavia Pisa Affiliated Society



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## From Newsletter PWG...

Hi there!

Here for you the new issue. I have to say that I'm really glad and surprised to have a so large contribution also in this second issue. I'm very proud of you guys.

Please, if you want to contribute, check out the contribution guidelines in our website.

See you around Europe!



*Matteo Laterza*  
NL PWG Coordinator  
[newsletter@euroavia.eu](mailto:newsletter@euroavia.eu)  
[http:  
newsletter.euroavia.eu](http://newsletter.euroavia.eu)

## IB report

Hello People!!!

Here is your secretary speaking, glad to be here with you once again...

## FoWo Athens 2010

After one year of absence, finally with the help of our fellows from Athens we managed to bring to you the Formation Workshop again. The event finished few days ago, so I'm sorry for the ones who missed it (this group unfortunately includes me also).

You will be able to read more about it in the article wrote by the IB executive member Stefan Zuleger who attended the event. In any case I can tell you that the proceedings brought to some very interesting results, that will be discussed with the ones of you who will participate in a Skype IB open hour which will be soon organized. The details will arrive to you via mail. This is anyway an occasion to directly participating in the life of the association, being in direct contact with the International Board.

## CEAS

We have recently been approved as members of the Council of European Aerospace Societies. This represents our recognition from the aerospace industry as the representing organ from students. This of course represents an important step for us, giving us the opportunity to be in first line for future initiatives addressed to students. Of course you will be informed as soon as new projects will start.

## Wishes

Another international project we have entered in is the Wishes. This is a European project within the ERASMUS MUNDUS framework. It consists of an internet portal, in order to help students to achieve

better international mobility. Euroavia has been invited to join this project, and is a first minute partner, allowing us to get more visibility and to be include from the beginning in the network.



## British contacts

After year of attempts, we finally had some promising contact in Great Britain. Right now communication are kept with groups in Glasgow and Manchester, and we are hopeful to have them applying for the PAS status during next congress.

## Questionnaire

A couple of weeks ago the questionnaire for has ben sent to you. Some AS have already answered, and the feedback is definitely positive, but we need all of your answers for the data to be complete, and for your needs to be considered.

So please, if you haven't still completed the questionnaire do it ASAP. You just have to go to the mail I sent you and complete it, or alternatively go to this link <https://spreadsheets.google.com/viewform?formkey=dFZRSmM>

We are counting on your help!



## Databases

Also the calls for Company Contact and Member Databases are been spread out. We strongly invite the ones who have not completed these tasks to fulfill their duties. Once again, completing the databasi will both help us making EUROAVIA stronger and help your AS to see its needs better considered.

We thank all for your past and future consideration. Remember: YOU are EUROAVIA!

*Matteo Laterza*  
IB Secretary  
[matteo.laterza@euroavia.eu](mailto:matteo.laterza@euroavia.eu)

## FoWo 2010

Gathering 24 European participants in Athens 2010, the Formation Workshop of EUROAVIA was held at the National Technical University of Athens. This event, giving the chance of evolving their soft-skills as well as working on topics of our organization itself to members, was held from 28th of November until 4th of December 2010. On the schedule were interesting topics in presentation skills, group decision making and human resources, given by trainers of other student associations such as BEST or AEGEE. Also, Prof. Epaminondas Koronis of Cranfield University gave the mentioned group decision making lecture and workshop, which was an interesting experience. Adding to this, the participation in the Environmental Simulation Game was offered to the in group divided EUROAVIAns. By simulating the economy in which five different companies were acting, decisions had to be taken that influenced the future situation. Other topics more EUROAVIA related were the discussion about IB Structure, Congress structure, Transition Papers, Event Manuals, Company communication, Member motivation, Trainer System and FoWo structure. Looking at the topics with non-influenced eyes as well as experienced members in different topics, the presenting groups build a profound basis on which future work can rely on and take the next steps. Completing this work-oriented time was the visit to Hellenic Aerospace Industries, with a guided tour through engine maintenance and

composite technology center. In the spare time, the team building was fulfilled by the participants themselves. Great contacts have been established, friendships formed and a lot of wishes came up to meet again during one of the upcoming EUROAVIA events in Europe. Looking back to an interesting and fruitful Formation Workshop, I would like to thank all the participants on behalf of the IB.

*Stefan Zuleger*  
IB Executive Member

## Happening around Europe

### Bremen

With no doubt one of the highlights of our Euroavia-year was our visit to the Fighter Squadron 71 in Wittmund together with four people of AS Hamburg. We spend a whole long day there and got many insights (in the truest meaning of the word), which went far beyond of what we expected to be a normal guided tour.

The day started off by a short presentation on the squadron itself and the site in Wittmund. Afterwards, an Air Force pilot who just had finished his pilot training, told us about his daily work and the usual career structure in the Air Force. Particularly interesting for us as (mostly) pilots-to-be in civil aviation was his description of the so-called Alarmrotte, which is a quick reaction alert force, stationed in Wittmund and in Neuburg in the south of Germany. This force, ready to operate 24-7 all year long, has the main task to identify unidentified flying objects in the German airspace. In most cases civil aircraft having radio communications failure. Besides making contact with civil pilots, the Alarmrotte also has other tasks, such as a visual check of civil aircrafts in case of technical problems (such as checking whether the gear really is down when the gear control has a malfunction).

Also, another topic of the presentation was the replacement of the Phantom F-4F with the Eurofighter. The decommissioning of the phantom is overdue for quite a few years now, since the first flight of the German F-4F has been almost 40 years

ago. Nevertheless, the pilot ensured us that the phantom is still a very good-natured and agile plane to fly although due to the high cost only the minimum hours required to meet the NATO standard are flown.

After this first part of our visit, we left the barracks and headed up to the airfield to have a look at the first take-offs of the day. Next to the airfield the spare-part store was located, some out-of-service phantoms at which we were able to have a close look. Also, we had a look into the historical museum of the squadron, which included an old Messerschmitt Bf109 and a Lockheed F-104 Starfighter. Seeing how incredibly simple the Messerschmitt was constructed reminded us on just how plain airplanes were just half a century ago. We left the museum on time to catch the first phantom returning from its training. The last tired ones of us surely were awakened by the phantoms taxiing about twenty meters away from us, leaving us standing in a kerosene-soaked cloud of hot air.



After this refreshment we went to the maintenance buildings where an engineer explained us in detail the technical aspects of the phantom. He answered all our questions on the aerodynamics of the engines or the hydraulic systems and also allowed us to have a quick view into the cockpit (which really is quite narrow!).

Then it was time for our last station: the engine test stand. We were introduced to the General Electric J79-GE-17, which is the engine powering the phantom. What followed was a 45 minute long

test drive of the engine. During that time we either could have a look at the afterburner (through a small window), step inside the control room, from where the test was conducted, or go into the hall where the engine was running (with quite a bit of ear protection of course). We were able to step up to the engine, feel the suction force of the fan and the heat of the combustion chamber. No doubt this was a really one of a time experience for most of us, and I think you can imagine the incredible feeling when standing next to a jet engine at full blast

After all, our visit to Wittmund really was a highlight. Once more, I would like to thank the Jagdgeschwader 71 for their efforts to impress us (which clearly were successful)!

*Moritz Kellermann*  
AS Bremen

## Dresden

EUROAVIA Dresden e.V. invited the students from TU Dresden to the airport tour at Dresden Intl. just a few weeks ago on november 10th. A cooperation with aircareer.de helped us to offer 10 free tickets through a lottery. Altogether 68 people participated in this event. The day after we had a stand at the contact fair where some EUROAVIA-interested people were able to meet us. Now we are looking forward to gain some new members through these two events.



*Martin Siemann*  
EUROAVIA Dresden e.V.





## Leuven

Dear EUROAVIANS

Last year was another successful year for EUROAVIA Leuven. Amongst other activities, we had visits to Sabena Flight Academy, the military base of Melsbroek with its C130's and ESTEC, the technical heart of ESA. Highlight was the visit to Dassault Aviation and the Air and Space Museum in Paris. During the summer holidays, three of us also attended the Airbus FYI launch at Farnborough airshow. As a result, already two teams from Leuven are participating in the competition.

At the end of last year, a new local board was elected. This is our team for this year:

President: Simon Vanden Bussche

Vice-president: Tim De Vos

Secretary: Arnout De Maré

Treasurer: Steven De Boeck

IEM: Hervé Denayer

Webmaster: David De herdt

Company member: Martijn Vanloffelt

A few weeks ago we had our kick-off lecture on supersonic flight. This clearly is an inspiring topic as the room was crowded. Recently we also had a second lecture about the task of the Belgian F16's in Afghanistan. We all learned a lot about the complexity of the mission in this extreme environment. For the coming weeks, we have planned a lecture on Space Situational Awareness, a visit to composite manufacturer SABCA, to Brussels Airlines and much more.

Best regards,

*Hervé Denayer*

IEM EUROAVIA Leuven

## Napoli

Hi Euroavians,

here in Napoli we have lots of news. First of all, our Local Board, operational since September 2010, is composed by the following guys:

Marco Marino President

Anastasiya Bokova Secretary

Christian Falanga Treasurer

Greta Agapita Alfano ICM

Ubaldo Bova IEM

Jary DAuria Webmaster

Francesca De Paola EM

Sara Salemi EM

Giovanni Nappo- EM

Paolo Voria EM

The first aim of the new LB was to define the Business Plan and the Financial one in order to present them to the members and start a new powerful social year. After that, a new application campaign was started. Currently, we have planned a first technical visit to the TECNAMs facility, our Italian leader in Very Light Aircraft production. Moreover, our team will be present at the Italy Aerospace Expo which will be held in Rome from November the 30th to December the 2nd. This is an unique opportunity to meet old and new Companies to be involved in our activities and, hopefully, to be our supporters. In fact, one of our greatest challenges is to obtain a stable financial support which could led us to plan and organize best and greatest events and like an international one in the next social years. In the next issues we will inform you about the results of these first engagements. A big CAIO from Napoli to the EUROAVIA community!

*Ubaldo Bova*

IEM EUROAVIA Napoli Umberto Nobile

## Sevilla

Dear EUROAVIANS,

The last few weeks have been really busy for EUROAVIA Sevilla, but we've also enjoyed our share with an amazing trip to the beautiful city of Granada. However we first want to share with you a small piece of news.

A few weeks ago, the members of EUROAVIA Sevilla voted to make a series of small changes to the statutes of EUROAVIA Sevilla. This has been done in order be admitted in the Registry of Associations of the University of Sevilla. This a big step for us that will allow us to keep growing as an association. For some time we had been pursuing our inclusion in the Registry, and for it to happen we had to make these minor changes. By being

included in the Registry, we will have a bigger support from our University, especially on the financial area. With this help, we will surely be capable of organizing bigger events in the future, which will be to the benefit of all EUROAVIANS in general.

And now about that trip we already anticipated in the previous edition of the News Letter! On Friday the 5th of November, a group of 50 EUROAVIANS, accompanied by our professor Carlos Gómez Camacho left for Granada early in the morning, and returned in the afternoon of the following day. The schedule was tight but there was time to visit interesting places and to discover the incredible atmosphere of Granada. The first stop was the Military Air Base of Armilla. The Base is home to the unit Ala 78, whose main mission is the formation of all the helicopter pilots in the Spanish Armed Forces and the States Security Corps. Additionally, the Unit cooperates in exercises and activities for paratroopers, and in support missions with the Search and Rescue Service and Civil Protection. The courses taught in the Unit are: basic helicopter course in the EC-120 Colibrí, instrumental flight course in Skorsky S-76 helicopters and course for maintenance mechanics for the Armed Forces.



We were received by Colonel Chief of the Unit, Ángel Rodríguez Valcárcel, who explained in detail the operation of the Base and who also where he stressed the vital work carried out by aeronautical engineers in the Air Force. Afterwards The group had the opportunity to enjoy with the trainers of the HE-24 HE-25 helicopters, and witness the expertise of teachers and students in solving different emergency situations that may arise during the flight of the aircraft with which the Ala 78 counts. include picture Group

Later, the captain of the Corp of Engineers Julio Martín, along with the brigade Porrás, responded to the questions and curiosities raised by the future engineers about the flight mechanics of rotary wing aircraft. Finally, the Patrulla Aspa put an end to the visit with an incredible exhibition that delighted the group of students. The Patrulla Aspa (Blade Patrol in English) is the only acrobatic flight group in the world formed by 5 helicopters. These are Eurocopter EC 120 Colibrí and the show was nothing short of astonishing. insert picture Exhibition

To end the visit, we visited the Science Park of Granada, where they enjoyed several exhibitions and activities. Among these were visits to the Planetarium and the Astronomical Observatory. We could check the operation of a Steavenson telescope from the beginning of the twentieth century, of a number of sundials, and also improve our knowledge of astronomy in general.

It goes without saying how much we enjoyed the visit how much we would recommend you to attend to an exhibition of the Patrulla Aspa. They do numerous exhibitions around Europe, though mainly in Spain, and it's pretty much worth it.





So that's all for now from Sevilla, but there is surely more to come! Take care!

Best regards,

*José Manuel Barranco*  
IEM EUROAVIA Sevilla

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## Stuttgart

Dear EUROAVIANS

I hope this newsletter will find you happy and full of great summer memories. A lot of things have happened in Stuttgart this summer and even though its getting colder and colder now there are still a lot of events coming up this year.

Our calendar is fully booked with workshops, teambuilding events and site visits. In the last months for example we visited Lufthansa Technik in Frankfurt, EADS Astrium and Porsche.

Besides that we have gained a lot of new members this semester. So were now more than 140 members in total!

Furthermore we worked on the new design of our website [stuttgart.euroavia.de](http://stuttgart.euroavia.de). It now has a new layout, is cleared and has integrated some frequently asked questions. Moreover we worked on our members area: We now have a platform named setcards which enables our members to search for information such as internship experience, scholarship knowledge and contact data within our members.

As you already know, we will be the host of the Air Cargo challenge 2011 next year. Right now we are very busy with the application and gaining sponsors. The application period has started and you can easily apply on our website <http://www.acc2011.com> until the 13th of December. If you have any questions, dont hesitate to contact us. We are really looking forward to host this great event next summer!

Besides the ACC 2011 we are very busy to plan some more events for the next year. For example a north-tour in Mai next summer. More information about this is coming in further issue of the Newsletter. See you around Europe!

*Pia Becker*  
IEM EUROAVIA Stuttgart

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## From PWGs

Dear EUROAVIANS,

hope you are all doing great

here's a short reminder from the Public Relations WG about ongoing projects and future plans:

First of all, We encourage you to participate both in the Video Contest and the Commercial. We have already sent an e-mail to the AS with some information about them, but if you still have doubts or need to know more about it, just ask! As long as we have already received some Videos it would be a pity that the Contest and the Commercial remain incomplete... waiting for you to show how creative and original your AS is!!

We are working on new PR materials, mostly addressed to students, so that it will be useful during recruiting periods, if there are any ideas or pictures that you find important to be part of it, send as an e-mail and we will be happy to include it both in the design for the brochures and the presentation.

For now, we have a nice group of members participating on the WG, but in case you are interested in joining or want to know more about what we do, We are still open to wellcome new members so do not hesitate in contacting us!!

Remember that if you have something interesting to share that could be interesting for other EUROAVIANS or if you want to prommote any of your local activities, please send it to us and it will be sent to members and published on Facebook and Twitter

As always... any inputs you think could make us improve or ideas you want to share with us are for sure wellcome!!

Contact us on [prwg@euroavia.eu](mailto:prwg@euroavia.eu)

On behalf of the PR WG, Big hug!!

*Rocío De Vicente*  
PR WG Coordinator  
[prwg@euroavia.eu](mailto:prwg@euroavia.eu)



## International schedule

Date	Place	Activity	Topics / Internet contacts
April 2011	Lisbon	EMEAC 2011	
June 2011	Muenchen	European Space Elevator Challenge	
12/08/11 - 14/08/11	Stuttgart	Air Cargo Challenge	<a href="http://acc2011.com/">http://acc2011.com/</a>

## 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



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