Dear WIA-Europe members,

It is a great pleasure and honour for me to lead Women in Aerospace-Europe as new President after a fruitful experience as Treasurer, Institutional Relations Director and then as Chair of the Board.

WIA-Europe’s commitment is to increase the number of women working in the aerospace sector by supporting the young generation, contributing to shape the role of women and to increase their number in leadership positions. This is achieved with the establishment of a well-structured program to support women in their career development. It is important to highlight that WIA-Europe is an association for both women and men who want to be part of a modern and international network. We believe that women and men, collaborating in an inclusive environment, are more productive and effective. Women are game-changers in innovation and management.

WIA-Europe’s vision is to create a world where we Europeans collaboratively create an aerospace sector with an inclusive representation.
Today, WIA-Europe counts:

- 20 Corporate Members including the most prominent space agencies, the major space industry players, industrial associations, research and academic institutions. We expect further expansion of our corporate membership in term of number of members and membership status.
- 8 partners creating important ties to space advocacy and educational organisations, which act on a global or local scale.
- 12 local groups to facilitate WIA-Europe’s visibility and action on the field. The Local Groups are an important part of our network and local group leadership teams inspire women towards self-empowerment and active engagement.

These last four months were very exciting for Women in Aerospace-Europe. We conducted several successful events in June, like our yearly General Assembly held in Paris at the CNES HQ, the Round Table on “Our common future on space and security. Where are we today?” during the International Paris Air & Space Show at Le Bourget in the ESA pavilion, participation to the Cranfield Alumni Paris Airshow Conference on “Digital Transformation” and special guests at the presentation of Master on “Space mission Design and Management” in Rome University “La Sapienza”. We have honoured outstanding members of our community during our annual award ceremony that took place at Le Bourget Airshow. Recipient of the 2017 WIA-E Outstanding Achievement Award was Claudie Haigneré. Since June we have a new partner: the Netherlands Space Society (NVR). The Memorandum of Understanding with NVR has been signed in June in the occasion of the NVR Annual General Assembly.

Local Groups have continued to be very active and have organized several networking events across their many sites in Europe.

WIA-Europe constitutes a global network of people working in the space field to promote women and within this context our members can benefit from an international community with their sisters WIA USA, WIA Canada, WIA Africa, WIA Japan and WIA Mexico.

WIA objectives transcend borders, generations and are shared by all to build diversity and inclusion at all levels.

I would like to thank our Board of Directors, Local Group coordinators and all the volunteers. We are very grateful for their time and hard work that are essential to the success of our association.

Warm regards,
Luisella Giulicchi
WIA Europe Q2 Events Briefing

WIA Europe Annual General Assembly

On June 20th in the morning, the 10th annual WIA-Europe General Assembly took place in Paris, hosted by CNES at its headquarters.

During the General Assembly the announcement of Claudia Kessler to step back as President was made. Luisella Giulicchi was elected as our new President. She will remain also as ad-interim Chair of our organization. Paola Belingheri was elected for a new Board position as Director of Research. She also will remain ad-interim in her role as Director of Membership until a suitable replacement has been found. Diana Pueyo was re-elected in her position of Director of Regional Development.

WIA Europe organised the Round Table Event at Le Bourget

On June 20th in the afternoon, our flagship round table “Our common future on space and security. Where are we today?” took place the International Paris Air & Space Show at Le Bourget at the ESA pavilion, moderated by Christina Giannopapa and Fiorella Coliolo.

After the introduction to Round table performed by Jan Woerner, ESA Director General, the round table took place with Jean-Yves Le Gall, President of IAF and CNES, Kai-Uwe Schrogl, President of the International Institute of Space Law, Gerd Kraft, DLR Space Administration in Bonn, Roberto Battiston, President of ASI, Jean Loic Galle, President and CEO of Thales Alenia Space, Fatoumata Kebe, PhD at Paris Observatory. At the end an impressive speech by Claudie Haigneré, ESA Astronaut and DG Special Advisor, on "Space for Inspiration and Women’s Leadership", was followed by the launch of the WIA-Europe Testimonial Video and a networking session.

More detailed information can be found in our Special Newsletter our website and click here.
WIA-E participation at Cranfield Alumni Paris Airshow Conference on Digital transformation

WIA-Europe participated to the Digital Transformation panel in Paris on 21 June 2017. Led by Professor Graham Braithwaite, the panel was comprised of Steve Murray, Strategy and Marketing Director at Thales UK; Annamaria Nassisi, Director of Communications, Women in Aerospace Europe and Strategic Marketing Manager at Thales Alenia Space; Tony Spouncer, Global Director of Safety and Operational Services at Inmarsat; and Professor Iain Gray, Director of Aerospace. Click here for more details.

WIA Europe special guest at Master in “Space Mission Design and Management”

On Monday, 26th of June 2017, the inauguration of the Master in “Space Mission Design and Management” by the University “La Sapienza” of Rome took place. Several personalities attended, including Simonetta Di Pippo, Director of UNOOSA, Roberto Battiston, President of the Italian Space Agency, John Kimami, Chief Scientist of the newly established Kenya Space Agency, Hiroki Akagi, Japanese Space Agency, Mwangi Mbuthia, Professor of University of Nairobi and Riccardo Grazi, Director of Vitrociset.

At the end, as special guest, the WIA-Europe Director of Communications, Annamaria Nassisi, presented the association. A lot of interest for WIA-Europe was demonstrated during the networking session. Click here for more details.
WIA Europe Award Programme

Outstanding Achievement Award

The WIA-Europe Outstanding Achievement Award includes an engraved statuette and a lifetime Honorary Membership of the association, presented at the award ceremony. There are no constraints on age, gender or nationality for the WIA-Europe Outstanding Achievement Award. WIA-Europe promotes diversity and as such accepts candidates from all nations. This year’s Outstanding Achievement Award was presented to Claudie Haigneré. Claudie has been selected for her outstanding contribution in the field of space exploration, in increasing visibility of women in the space sector and in engaging young girls in science and technology.

Student & Young Professional Awards

The WIA-Europe Student & Young Professional Award includes €1,000 and one year of free membership, and is open to individuals aged 21 to 35 who are registered as a full-time student at a European university or as a young professional in the aerospace sector in Europe. Candidates may have a non-European nationality. Applicants must be members of WIA-Europe. The award is presented to the student or young professional who writes the best essay of no more than 1,000 words that discusses:

• The relevance of studying and working in the aerospace sector and their view on their future role in this field
• What the candidate intends to do with the prize money and the experience to be gained through it, including efforts to share what has been learned

Olympia Kyriopoulos won the Young Professional Award 2017 and Damiana Catanoso is the winner of the Student Award 2017.

More detailed information can be found in our Special Newsletter on our website click here.
68th International Astronautical Congress 2017

- **Joint Breakfast WIA-E & IDEA**, Thursday 28 September, 7:00-8:30

**15th Reinventing Space Conference**

WIA-Europe at Reinventing Space Conference in Glasgow (Oct 24-26) for a networking breakfast on Thursday morning. More details to follow. WIA-E members are entitled to sign up for the BIS-organised conference at the concessions rate, so a full week WIA-E ticket is £297 instead of £499.

Follow us and [click here](#).
We took the opportunity of the General Assembly to gather Local Group (LG) Leaders and LG Leaders-to-be in a working meeting chaired by Diana Pueyo (WIA-E Director for Regional Development). The Local Group Leaders shared among them and with WIA-E Directors the challenges they were facing, the success stories and future activities that were planned. The Directors explained their role in the association and how they could support, from their field of responsibility, the LGs. It was a fruitful exchange and an enrichment for all participants thanks to the high diversity of attendees.
June 16th – Valentina’s Night dinner event
WIA-E Bremen participated in an event that started with an introduction on the story of Valentina, focusing on her life as woman and as cosmonaut and how space changed her life and destiny; including her announcement in 2013 to be one of the first humans to go on a one-way trip to Mars if the opportunity arose.

WIA-E Bremen organized a dinner event, set to organize Valentina’s Night on June 16th, 2017 and the participation to the Ladies’ Marathon in Bremen.

June 17th – DFKI Robotics Innovation Center visit
On the 17th of June WIA-E Bremen, within the framework of the OPEN CAMPUS University of Bremen, got a dedicate invitation to visit the DFKI Robotics Innovation Center. It was an opportunity to visit the labs and test facilities of the institute building, and to experience completely different robotic systems in action.

July 2nd – Ladies Run
On July 2nd, WIA-E Bremen joined the Ladies Run event sponsored by Deutsche Post.
June 29\textsuperscript{nd} – Space Cocktail Party

WIA-E Bruxelles was invited to the 1st celebration of the Space Cocktail Party, which took place on the 29\textsuperscript{th} of June from 19.00 p.m. As traditionally, an award ceremony also took place to celebrate the most outstanding Space colleagues.

May 5\textsuperscript{nd} – EASA visit

Members of the WIA-E Cologne group were invited to visit EASA, the European Aviation Safety Agency.

After a short guided tour in the EASA building, almost 40 women gathered in the conference room at EASA overlooking Downtown Cologne. Topics like pilot licensing and accident investigations were discussed. With snacks and drinks, the women continued the discussions within smaller groups.
May 2\textsuperscript{nd} – WS on "Mindset, Body Language & Communication for Leaders",

On the 2\textsuperscript{nd} of May, WIA-E Leiden organized a workshop on "Mindset, Body Language & Communication for Leaders", with Professor Alberto Castelvecchi. The workshop addressed both women and men. The workshop was followed by a networking dinner on-site, providing the opportunity to network with the speaker and ask him questions in a more informal environment.

May 3\textsuperscript{rd} – Aerospace Women’s day

On the 3\textsuperscript{rd} of May, WIA-E Leiden and WD Amelia, the Women’s department of the TU Delft Student Association VSV, organised an Aerospace Women’s day for the fourth time at the TU Delft. The goal of the day was to bring students, young professionals and professionals together to share experiences and to network. This year the theme was Leadership.
June 1st – Pascale Ehrenfreund Meet & Greet in Munich

WIA-E Munich held a Meet & Greet with Pascale Ehrenfreund over dinner. This was a great opportunity to exchange some ideas, questions, experiences, with her in an informal and close manner.

WIA-Europe Paris

New Leaders coming soon, follow us for more information
WIA-Europe Rome

May 29th – Space Debris Conference

On the 29th of May, WIA Rome organized the "Space Debris Conference" in the "Sala degli Affreschi" room, at the Engineering Faculty of La Sapienza, University of Rome. This was the first of the several events planned for the 2017 activity plan of the WIA Rome local chapter and presented during the last meeting in March 2017.

Goal of this conference was to offer to the audience a complete overview about Space Debris, from the scientific to the legal aspects. To this end, both representatives from academia, Italian companies and the both Italian and European Space Agency were invited to share their experience and activities in the field.

July 27th – Networking

WIA-E Rome held an aperitif on Thursday the 27th of July at the Limonaia Restaurant.

WIA-Europe Toulouse

More activities soon
May 3rd – Harwel Campus Event

On May 3rd the WIA-E UK hosted an event on the Harwell campus to bring together women, and men, who are interesting in supporting and getting involved in a more diverse and equal workforce within the space sector.

June 1st – Networking breakfast at the UK Space Conference

On June 1st the WIA-E UK Local Group held a networking breakfast at the UK Space Conference.

July 13th – Goonhilly & the UK Spaceport Initiative

On 13 July 2017, WIA-E UK and Goonhilly Earth Station hosted an afternoon of talks about the UK spaceport initiative and other exciting projects at the Goonhilly Earth Station.
August 17th – Webinar “How identifying your unique strengths could change your future”

On 17 August, Clare McNamara of Engage to Move Ahead guided us through an innovative approach to enhancing your credibility and advancing your career.

For any further information on our Local Groups, please visit our website and [click here](#).
Focus on Thales Alenia Space’s success

This year got off to a flying start for Thales Alenia Space, with a plethora of satellites being launched during the first six months of 2017.

SpaceX orbited the first ten Iridium NEXT satellites on January 14th and the second batch of 10 satellites on June 25th. Iridium NEXT is one of the most complex and ambitious space programs ever, and Thales Alenia Space is prime contractor on behalf of Iridium Communications Inc. When complete, the constellation will comprise 66 operational satellites in low orbit (780 kilometers), along with 15 spares, both in-orbit and on the ground. Arianespace lofted on May 4 two telecom satellites built by Thales Alenia Space as prime contractor: SGDC for Visiona (Brazil) and KORESAT-7 for KTSAT (South Korea). Hellas Sat 3/Inmarsat S EAN telecommunication satellite, has been successfully launched by Arianespace on board an Ariane 5 rocket on June 28.

Crucial milestones in Space Exploration and Orbital Infrastructures

At the end of April Thales Alenia Space completed construction of the heat shield on behalf of Airbus Defence and Space for the European Space Agency’s Solar Orbiter spacecraft, and delivered to the Italian space agency ASI the scientific instrument METIS (Multi-Element Telescope for Imaging and Spectroscopy).

Scheduled for a 2019 launch, the Solar Orbiter will perform an in-depth study of the main phenomena associated with the Sun and the solar corona.

Thales Alenia Space continues to confirm its technological expertise for leading-edge space exploration endeavors. The company has already developed advanced scientific instruments for the Planck and GOCE missions, and will provide sophisticated radio instruments for the 2018 BepiColombo mission to explore Mercury and the Euclid satellite designed to map the geometry of the “dark universe”, expected to launch in 2020 from French Guiana aboard a Soyuz rocket.
As major contributor of ISS - half of the space station’s pressurized modules are made by Thales Alenia Space - the company has provided fully half of the pressurized volume on the station, including Nodes 2 and 3, the Leonardo Permanent Multipurpose Module (PMM), the Multipurpose Logistics Modules (MPLM) and the Cupola, the Columbus lab.

Today Thales Alenia Space continues to resupply the ISS, building, on behalf of Orbital ATK, the pressurized cargo modules (PCM) for the Cygnus resupply vessels. The Cygnus automated cargo spacecraft is a vital lifeline for the International Space Station (ISS), bringing a wide variety of equipment, science experiments, food, clothing, spare parts and other gear to the crew.

**Space Sector Demography Study**

**Employment in the European Space industry Gender situation**

ASD- Eurospace “fact & Figure” 2017

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The annual Eurospace fact and figures survey collects data directly with the space manufacturing sector in Europe via an ad hoc questionnaire.

The questionnaire aims to assess industry consolidated employment strictly related to the design, development and production of space systems in Europe.
The European Space Industry is quite specific in terms of age and qualification structures. The industry maintains a rather stable age structure. The employment distribution by age exhibits a large proportion of employees in the 49-58 age range, with an average age of employees around 44, with a slight difference between women and men.

About a fifth of space industry employees are women.

Employment is measured in FTE (Full Time Equivalents), a figure lower than the actual company headcounts (i.e. an employee working half time counts as 0.5)

Note:
Detailed age distribution and qualification structure is not available for all companies in the model. The data compiled here is based on 75% of total employment.

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Space industry employees’ qualification and gender characteristics

Due to the engineering complexity of space programmes, the space sector attracts a larger than average share of highly skilled workers. The majority of space industry workers have a scientific and/or engineering background and hold high level degrees (PhD, master). The qualification structure of females is quite similar to that of males, whereas women in the space industry are not limited to clerical and low level positions.
Questions
If you want to learn more about Women In Aerospace Europe, please do not hesitate to contact us via info@wia-europe.org or take a look at our website www.wia-europe.org

Want to join?
Please fill in our registration form or visit: www.wia-europe.org/join

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Watch our Testimonial Video available on YouTube