

# **Report on the EUMETSAT Meteorological Satellite Conference 2016**

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I am very thankful for the Young Scientist Travel Award (YSTA), offered to me by the European Meteorological Society (EMS), which gave me the great opportunity to participate at the EUMETSAT Conference, held in Darmstadt, Germany from 26-30 September 2016. I would also want to thank EUMETSAT, all the other organisers, sponsors and the National Meteorological Administration of Romania.

The EUMETSAT Meteorological Satellite Conference represents one of the most important annual reunions of researchers, scientists and meteorologists from all over the world where they can share their experience and knowledge during plenary, poster and workshop sessions. Especially this year, at its 30<sup>th</sup> anniversary of EUMETSAT's establishment, where special key notes and panels were seen throughout the week. The conference was focused on the advances in marine meteorology and oceanography, advances in nowcasting and short-range numerical weather prediction, air quality monitoring and the Arctic challenge.

The programme was divided in the 9 following sessions:

1. Current and future satellite programmes and instruments
2. Use of satellite data for nowcasting and short-range NWP
3. The Arctic challenge
4. Marine meteorology and oceanography
5. The role of satellite data records in climate services
6. Space based atmospheric composition measurements: forecasting air quality.

My main research fields refer to satellite products testing, operational support to real time satellite data acquisition, processing and dissemination. In the framework of the conference, I've been trying to attend as many presentations related to my fields of interest from the sessions held during the week.

My contribution, entitled "The use of ADAGUC for MSG RGB visualization at the Romanian National Meteorological Administration" was part of the "Current and future satellite programmes and instruments" poster session. The poster is about the importance of the ADAGUC system for the operational activity at the NMA of Romania, the installation and configuration processes of the server and viewer were described and also there were given examples of MSG RGB products visualised with ADAGUC Viewer.

We were a group of four researchers from the Satellite Department working for this poster. During the Conference I've talked to people interested in our poster subject and we've

received positive and constructive feedback. The discussions, debates and advices received were very encouraging for me.

As a recent master graduate and currently a doctoral student I'm relatively new in the research area. This was my first international experience and I am very happy that I've been given the opportunity to take part in this large-scale conference.

This award gives the occasion for the younger generations to be involved in the scientific world, which is very important for their development and growth.

In total, approximately 400 people were present in Darmstadt for the event, which proves once again the expanding interest of the scientists on satellite meteorology and beyond.

The topics were very wide and they covered many areas of research.

The speakers and the other attendees came from all parts of the world to show the results of their work. Representatives from WMO, NOAA, ESA and from other well-known institutions attended the conference.

The participation on this conference, and here I include all the presentations (oral or poster sessions), workshops and also the social events, helped me make another step in the needed research experience for my future career.

Finally I can say that it was an extraordinary experience and I hope that in 2017 I will be in Rome at the next EUMETSAT Conference. Thank you again for this big chance!

Yours sincerely,  
Eduard Luca