



SAPIENZA
UNIVERSITÀ DI ROMA

DIMA DEPARTMENT OF MECHANICAL AND AEROSPACE ENGINEERING

Newsletter - June 2018



HIGHLIGHTS

Workshop Aerospace Coordination Group



It was held last June 27 in Rome in the head-office of the Department of Mechanical and Aerospace Engineering, the first meeting of Aerospace Coordination Group. During the workshop, the group discussed the reorganization of disciplinary knowledge, the classes maintenance of courses and the future goals of the national group. Here a brief declaration of prof. Gaudenzi, DIMA Director and member of the Coordination group: "On June 4 we had the first meeting of the full professors of aerospace engineering in Italian Universities: flight mechanics, aerospace structures, space systems, fluid dynamics and aerospace propulsion. Here we are having the lunch together at Trattoria da Nerone, close to Colosseum and to the Faculty of Engineering of Sapienza University, after a workshop on the research, education and third mission perspectives of aerospace engineering".

The meeting was attended by prof. Alfredo Soldati of Udine University, proff. Antonio Moccia, Luigi de Luca and Francesco Marulo of University of Naples «Federico II», prof. Giulio Avanzini of Salento University, proff. Dario Pastrone and Giorgio Guglieri of Polytechnic University of Turin, proff. Maurizio Quadrio, Giuseppe Sala and Franco Bernelli Zazzera of Polytechnic University of Milan.

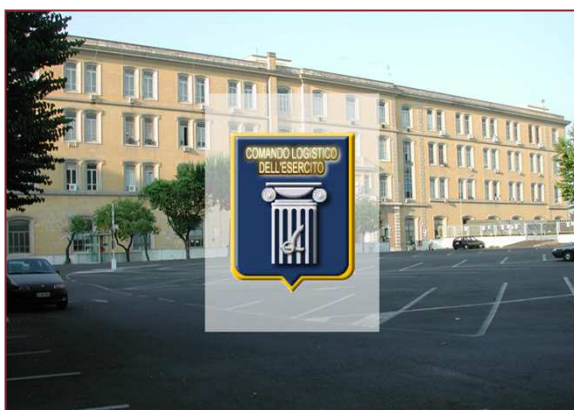
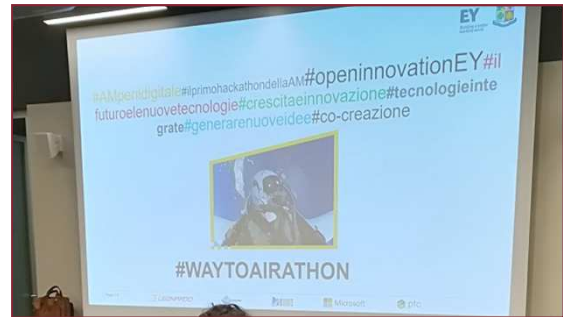
There were also prof. Paolo Gaudenzi, DIMA Director, prof. Mauro Valorani and prof. Carlo Massimo Casciola.





NEWS FROM DIMA

It has recently been held at the military airport of Pratica di Mare, at the Flight Experimental Center of the Italian Air Force, the first hackathon in aeronautical field, called «Airathon», a real creative marathon which brought together actors from different sectors and backgrounds - engineers, computer scientists, researchers, students, military experts - with the aim of putting the different experiences together, realizing the best ideas and making them prototypical and quickly applicable to the Armed Forces logistics sector. Here a brief declaration of prof. Gaudenzi, DIMA Director and member of the evaluation committee: "Today I was honoured to be part of the jury of the first Airathon ever! An hackathon for the needs of the logistics and operation in aeronautics. The idea was developed by the Italian Air Force from a proposal by Ernst Young with the presence of Leonardo and Vitrociset. Here I am proud to be in the picture with the Logistic Commander of the Italian Air Force General Giovanni Fantuzzi, who hosted the initiative at the "Centro Sperimentale Volo in the military airport of Pratica di Mare" and General Fernando Giancotti, commander of Air Force. Start up companies proposed innovative solutions by merging block chain and virtual reality. a great experience for all participants".



It has recently been held at DIMA a meeting with Major General Paolo Giovannini, Technical Commander of the Army Logistic Command. During the visit with DIMA director, prof. Gaudenzi, and other professors, the group discussed on future opportunities for collaborations with Sapienza university on ongoing research activities, on the financing of H2020 European projects and of PNRM (National Plan of Military Research) in different scientific fields. It is currently being finalized an educational cooperation agreement.



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OPPORTUNITIES FOR RESEARCH, NETWORKING AND INTERNATIONALIZATION



ASSOCIAZIONE TERMOTECNICA ITALIANA

- ATI, Italian Thermotechnical Association, in collaboration with AIMSEA, Italian Association of Fluid Machines and Systems for Energy, and FTI, Association of Italian Technical Physics, has published the ATI Call - PhD Thesis Award 2018, whose first edition will be held in Pisa, from 12 to 14 September, during the annual Congress. Doctoral thesis must be written and discussed during 2016, 2017 or 2018 and will be evaluated by a special Commission. The deadline of the Call is fixed on 20 July. Further information are available at this link: http://www.ing.uniroma1.it/sites/default/files/allegati_notizie/Premio%20ATI%20per%20Tesi%20di%20Dottorato_DEF.PDF



- By means of ARTI – Regional Agency for Technology and Innovation, Puglia Region launched “Estrazione dei Talenti” (Talents mining) action, aimed at funding custom training paths to help entrepreneurs teams creating new companies under priority innovation areas, as stated in the regional Research and Innovation Strategy. The funding budget amounts to 10 million euros over a three-year period. The enhancement paths for entrepreneurial ideas will be provided by the Factories, clustered public and private subjects who transmit skills and know-how to a number of Teams, according to the best business acceleration standards. “Talents mining” action starts with a public call for Factories selection. Applications from Teams will be gathered in a second call, within the limits of financial resources and on a competitive grant basis. Further information are available at this link: http://www.ing.uniroma1.it/sites/default/files/allegati_notizie/Scheda_informativa-FACTORY.pdf



- It has been published in “Gazzetta Ufficiale” Ministerial Decree for National Operational Program «Enterprise and Competitiveness» 2014-2020 FESR and of Fund for sustainable growth in favor of research and development projects in the application sectors of the National Smart Specialization Strategy related to «Smart factory», «Agrifood» and «Health Sciences». Opening terms and procedures for submitting applications will be defined shortly by Ministry of Economic Development. Further information are now available at this link: <http://www.sviluppoeconomico.gov.it/index.php/it/incentivi/impresa/strumenti-e-programmi/pon-impres-e-competitivita/opportunita-e-bandi>



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- Space has always been the ultimate frontier for imagination and exploration, and also for intelligence, innovation and creativity. Recent years have seen an increasing number of new proposals which are changing the way we access space and make use of its benefits. In this context, the Call for Space is open, a special section of the Maker Faire Rome offering anyone who has developed ideas, prototypes and projects in the space sector a chance to present their achievements to the public. To present the projects it is necessary to participate in the Call for Makers. The deadline is fixed at July 7. Further information are available at this link: <https://2018.makerfairerome.eu/it/call-for-space/>



- Now open a new Call for research projects in industrial fields of SOLAR-ERA.NET dedicated to solar energy and green. Financed by Horizon 2020, SOLAR-ERA.NET brings together national and regional organizations from 13 different states active in the solar energy sector; Italy is represented by the Ministry of Education, University and Research (MIUR) and participate in the call with a total budget of 500.000€. The call for proposals involves a two-stage evaluation, with the deadline for submitting a pre-proposal scheduled for 2 October 2018. Further information are available at this link: <http://www.solar-era.net/joint-calls/>



המנהלת הישראלית למו"פ והאיורופי
Israel-Europe R&I Directorate

- Within the activities foreseen by the Cooperation Agreement in the field of Research and Industrial, Scientific and Technological Development between Italy and Israel, Italian Ministry of Foreign Affairs and International Cooperation (MAECI) and Israel-Europe R&D Directorate (ISERD), have published the call for proposals for the collection of joint research projects for the year 2019. Projects can concern priority sectors such as medicine, agriculture, environment, new energy sources, manufacturing innovation, IT and space technologies in industry. The deadline is fixed at 22 October. Further information are now available at this link: https://www.esteri.it/mae/resource/garegemellaggi/2018/06/file1_bando_industriale_2019.pdf