

FOREWORD

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It is a pleasure and an honor for the INCAS BULLETIN team to publish a high number of papers that were recently selected following their excellent quality and presentation at the 6th *Aerospace Europe Council of European Aerospace Societies (CEAS) 2017 Conference*.

The CEAS has main contributions to the EU ECAero-2 project together with the other well-known European societies ECCOMAS, ERCOFTAC, EUCASS, EUROMECH and EUROTURBO, with whom they have established the Aerospace Europe platform (<http://aerospace-europe.eu>). This platform ensures the development of Aeronautics and Astronautics technologies.

This international conference took place during 16th – 20th of October 2017 at the prestigious Palace of the Parliament – Bucharest in Romania under the aegis of Ministry of Research and Innovation in Romania. The Organizing Committee was composed by teams from the *COMOTI – Romanian Research & Development Institute for Gas Turbines and The Aeronautics and Astronautics Association of Romania (AAAR)* on behalf of the CEAS. The conference program contained 61 technical sessions including workshops and plenary sessions.

Among all papers presented and published in the Aerospace Europe CEAS 2017 Conference Proceedings, the best papers were selected to be published in scientific aerospace journals. Therefore, a number of 14 papers were selected to be published in this **Special Edition** (Part 1) of the *INCAS BULLETIN, Volume 10, Issue 1/2018*. These papers are covering different sub-disciplines in Aerospace Engineering, and they were written by authors working in different aerospace related institutions. We are proud to mention the participation of international teams from the Hamburg University of Applied Sciences and the Technical University of Munich in *Germany*, the School of Science & Engineering in the *UK*, Systems Engineering Group Inc. (SEG), and the Space Systems / Loral (SSL) in the *USA*, the *Korean* Advanced Institute of Science and Technology KAIST, Kyushu Institute of Technology, *Japan*, and the Romanian Research & Development Institute for Gas Turbines COMOTI, as well as Teletrans, and S.C. Structural Management Solutions S.R.L. in *Romania*.

The INCAS BULLETIN is published since 10 years. The publication of these interesting papers selected at important international conferences in this Special Edition of the INCAS BULLETIN has the aim to attract a higher number of such publications in the next editions of the INCAS BULLETIN.

These publications will thus contribute to obtain a high number of collaborations between their authors in the future in the aerospace field. The INCAS BULLETIN team will thus attain its main objectives to internationally contribute to the aerospace sciences and applied research advancement.

We would also like to thank to all the authors of this Edition of the INCAS BULLETIN as well as to Mrs Elena NEBANEA (Director Program - INCAS BULLETIN) who is giving her continuous support to this journal.