



"Space Challenges and Opportunities for Human Benefit"

Dr. Michael Yarymovych

Tuesday 4TH October 2011 3:00 pm - Room TS-17

MATERIALS & STRUCTURES SYMPOSIUM CHAIR: PAOLO GASRAREI

COORDINATORS: CONSTANTINOS P. STAVENIDOS - PAVEL M. TRIVALIO

SPACE STRUCTURES - D'UNAMICS AND MICRODYNAMICS

CHAIR PETER M. BAINUM - IJAR M. DA FONSECA

RAPPORTUE HARIJONO DJOJOHKARSOO

AIDÁA





«Space Structures Yesterday, Today and Tomorrow»

Prof. Tetsuo Yasaka

Tuesday 24TH September 2013

09:45 am - Hall 306B

Materials & Structures Symposium Chair: Paolo Gasrarii

COORDINATORS: CONSTANTINOS P. STAVENIUS & PAVEL M. TRIVALIO

SPACE STRUCTURES 2 - DEVELOPMENT AND VERIFICATION

CO-CRAIRE (BAN-ALAM MASSON) & FADIO GASRAREI

RAPPORTURE PERER ROCKUS



## Paolo Santini

"Pressurized Structures for Supporting the Human Presence in Space"

Prof. Ernesto Vallerani

Tuesday 2<sup>ND</sup> October 2012 10:15 am - Hall 3 "Regulus"

MATERIALS & STRUCTURES SYMPOSIUM CHAIR: PAGE GASRARRI

COORDINATOR: CONSTANTINOS P. STAVENIUSS A PAVEL M. TRIVALLO

SPACE STRUCTURES 2 - DEVELOPMENT AND VERIFICATION

CO-CRAIRE: JEAN-ALAIN MASSON & PAOLO GASRAREI

RAPPORTURE PERRE ROCHUS

NAPLES - ITALY





65th International Astronautical Congress

Paolo Santini Memorial Lecture

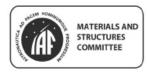
"DYNAMICS MODELING AND CONTROL OF FLEXIBLE SPACE MANIPULATORS"

PROF. ARUN K. MISRA

TUESDAY 30th SEPTEMBER 2014 9:45 AM - ROOM 713A

MATERIALS & STRUCTURES SYMPOSIUM
CIGIRE PAGG GASHARBI
COORDINATORS CONSTANTINOS P. STAVERSIEDS & PAVEL M. TRIVAILO
SPACE STRUCTURES 2 - DEVELOPMENT AND VERIFICATION
CO-CHAIRS: [LAN-ALAIN MASSONI & PAGG GASHARBI
RAPPORTIES PRIBER ROCHE: PRIBER TO

TORONTO - CANADA





66th International Astronautical Congress

# Paolo Santini Memorial Lecture

"Inverse Methods in Identification and Modeling of Thermal Processes in Aerospace Materials and Structures: Theory and Practice

#### Prof. Oleg M. Alifanov

Chief Scientist and Head of the Space Systems and Rocketry Department in the Moscow Aviation Institute

> Wednesday, 14<sup>th</sup> October 2015 09:45 AM - Room Oranim 1

Materials & Structures Symposium

Session C2.4 Advanced Materials and Structures for High Temperature Applications

### Paolo Santini

ROMA, 1923 - 2006



Was Professor at University of Rome "La Sapienza". He was the co-founder of the IAF Materials and Structures Committee and one of the outstanding personalities within IAF and the IAA for almost 40 years. He was a man of great scientific knowledge, talents, prestige

and great cultural influence, a perpetual source of power and ideas within international aero-space community (IAF, AGARD, ICAS).

The Materials & Structures Committee of the IAF is proud to have established the Paolo Santini Memorial Lecture. Starting from 2011, it will be an annual Lecture that will be given by an outstanding person who has distinguished himself/herself in astronautics and who exemplifies the achievements and cultural heritage of Prof. Paolo Santini.



ASSOCIAZIONE ITALIANA
DI AERONAUTICA E ASTRONAUTICA

#### Prof. Oleg M. Alifanov

Professor Oleg Alifanov Doctor of Sciences in Aerospace Corresponding Engineering, Member of Russian Academy of Sciences and full member of of International Academy Astronautics. He is Chief Scientist and Head of the Space Systems and Rocketry Department in the Moscow



Aviation Institute (National Research University). He is also President of the Russian Aviation and Space Scientific Innovation Educational Complex and Vice-President of Russian Academy of Cosmonautics named after. K.E. Tsiolkovsky. His research interests lie in the areas of spacecraft thermal analysis, design testing, and mathematical modeling and experimental simulation of heat- and mass transfer processes and material characterization. He is the author of a fundamentally new scientific line based on solving the ill-posed problems of heat and mass transfer in the theory and practice of which he has made a significant contribution, particularly in relation to the investigation of thermal conditions in space engineering. He is author and co-author over 400 scientific publications including 11 books, 3 encyclopedias, 41 inventions and patents. He is member of the Materials and Structures of Spacecraft Committee and the Honors & Awards Committee of the IAF as well as the IAF / IAA / IISL Advisory Committee on History. Professor Alifanov also served as a Vice President of the International Astronautical Federation from 2000 to 2004. In 2005-2009 he was a member of the Board of Directors of the International Academy of Astronautics.