



Paolo Santini
Inaugural Memorial Lecture

“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 GABRARI
COORDINATORS: CONSTANTINOS P. STAVRINIDIS & PAVEL M. TRIVAILO
SPACE STRUCTURES - DYNAMICS AND MICRODYNAMICS
CHAIR: PETER M. BAINUM & IJAR M. DA FONSECA
RAPPORTEUR: HARIJONO DJOJODHARJO



Paolo Santini
Memorial Lecture

“PRESSURIZED STRUCTURES FOR SUPPORTING
THE HUMAN PRESENCE IN SPACE”

PROF. ERNESTO VALLERANI

TUESDAY 2ND OCTOBER 2012
10:15 AM - HALL 3 “REGULUS”

MATERIALS & STRUCTURES SYMPOSIUM
CHAIR: PAOLO GABRARI
COORDINATORS: CONSTANTINOS P. STAVRINIDIS & PAVEL M. TRIVAILO
SPACE STRUCTURES 1 - DEVELOPMENT AND VERIFICATION
CO-CHAIRS: JEAN-ALAIN MASSONI & PAOLO GABRARI
RAPPORTEUR: PIERRE ROCHES

NAPLES - ITALY



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, 14th October 2015
09:45 AM - Room Oranim 1

Materials & Structures Symposium

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



Paolo Santini
Memorial Lecture

«SPACE STRUCTURES
YESTERDAY, TODAY AND TOMORROW»

PROF. TETSUO YASAKA

TUESDAY 24TH SEPTEMBER 2013
09:45 AM - HALL 306B

MATERIALS & STRUCTURES SYMPOSIUM
CHAIR: PAOLO GABRARI
COORDINATORS: CONSTANTINOS P. STAVRINIDIS & PAVEL M. TRIVAILO
SPACE STRUCTURES 1 - DEVELOPMENT AND VERIFICATION
CO-CHAIRS: JEAN-ALAIN MASSONI & PAOLO GABRARI
RAPPORTEUR: PIERRE ROCHES



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
CHAIR: PAOLO GABRARI
COORDINATORS: CONSTANTINOS P. STAVRINIDIS & PAVEL M. TRIVAILO
SPACE STRUCTURES 2 - DEVELOPMENT AND VERIFICATION
CO-CHAIRS: JEAN-ALAIN MASSONI & PAOLO GABRARI
RAPPORTEUR: PIERRE ROCHES

TORONTO - CANADA

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 is Doctor of Sciences in Aerospace Engineering, Corresponding Member of Russian Academy of Sciences and full member of International Academy of 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 and testing, 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.