

# JOINT 2ND BRAZILIAN

INTERAMERICAN  
SCHOOL AND  
WORKSHOP ON  
ELECTRIC SPACE  
PROPULSION



DR. MICHAEL KEIDAR  
GEORGE WASHINGTON UNIVERSITY

DR. MICHAEL KEIDAR IS A. JAMES CLARK PROFESSOR OF ENGINEERING. HIS RESEARCH CONCERNS ADVANCED SPACECRAFT PROPULSION, PLASMA-BASED NANOTECHNOLOGY, AND PLASMA MEDICINE. HE HAS AUTHORED OVER 240 JOURNAL ARTICLES AND AUTHOR OF TEXTBOOK "PLASMA ENGINEERING: FROM AEROSPACE AND NANO AND BIO TECHNOLOGY" (ELSEVIER, MARCH 2013). HE RECEIVED 2017 DAVIDSON AWARD IN PLASMA PHYSICS. IN 2016 HE WAS ELECTED AIAA NATIONAL CAPITAL SECTION ENGINEER OF THE YEAR AND IN 2017 HE RECEIVED AIAA ENGINEER OF THE YEAR AWARD FOR HIS WORK ON MICROPROPULSION RESULTED IN SUCCESSFUL LAUNCH OF NANOSATELLITE WITH THRUSTERS DEVELOPED BY HIS LABORATORY. MANY OF HIS PAPERS HAVE BEEN FEATURED ON THE COVER OF HIGH IMPACT JOURNALS AND HIS RESEARCH HAS BEEN COVERED BY VARIOUS MEDIA OUTLETS. PROF. KEIDAR SERVES AS AN AIP ADVANCES ACADEMIC EDITOR, ASSOCIATE EDITOR OF IEEE TRANSACTIONS IN RADIATION AND PLASMA MEDICAL SCIENCES AND MEMBER OF EDITORIAL BOARD OF HALF DOZEN OF JOURNALS. HE IS FELLOW OF APS AND ASSOCIATE FELLOW OF AIAA.