La Direction de l'ENIS vous invite à la Conférence/débat

"From Sfax to Mars: Questions and Answers"

par

DR. MOHAMED ABID :

Chercheur à la NASA

(National Aéronautics and Space Administration, USA)

Le Jeudi 15/12/2016 à 13h à l'Amphi 6

Biographies

Dr. Mohamed Abid is the Mission Chief Engineer on SMAP project that is launching on January 29th 2015 on a Delta II from VAFB. Dr. Abid is the Deputy Flight System System Engineer (FSSE) Manager for the Soil Moisture Active Passive Mission (SMAP) JPL / NASA. He is also the Supervisor of the Mechatronics group at JPL / NASA . Prior to his assignment on the SMAP project, he was the FSSE lead for the Wide-Field Infrared Survey Explorer (WISE) that was successfully launched in December, 2009, , a lead System Engineer on a Mars Mission proposal at JPL / NASA, and , a System Engineer on TeamX. Dr. Abid was the project System Engineer and the Engineer Technical Authority for the Ocean Surface Topography mission (OSTM) that was successfully launched in June, 2008. Dr. Abid received the NASA Honor Exceptional Achievement Medal for his work on OSTM. Before joining JPL, he was Co-PI on the FIVE Project as part of space flight experiment, and an Associate Investigator / Test Conductor on the Structure of Flame Ball at Low Lewis number (SOFBALL) experiment which flew on Space Shuttle missions Columbia STS-83 (launched in April 1997), Columbia STS-94 (launched in May 1997) and Columbia STS-107 (launched in January 2003). Dr. Abid is a lecturer in the Department of Astronautics and Space Technology Division (ASTE) at the University of Southern California (USC, and the author of the textbook "Spacecraft Sensors", a John Wiley & Sons publication. Dr. Abid holds a BS in Physics, an MS from Ecole Doctorale de l'Ecole Polytechnique, and a Ph.D. in Aerospace and Mechanical Engineering from USC. Dr. Abid has done research and performed experiments in the fields of combustion, fluid dynamics, chemistry, semi-conductors, spacecraft, micro-gravity, physics of particles, diagnostics and petroleum for many internationally renowned organizations such as NEDO, JAMIC, CEA, IFP, CNRS, CERN and LPNHE. While anxiously awaiting SMAP Launch, he fills his time by building robots with his kids, growing tomatoes, and surfing the waves.