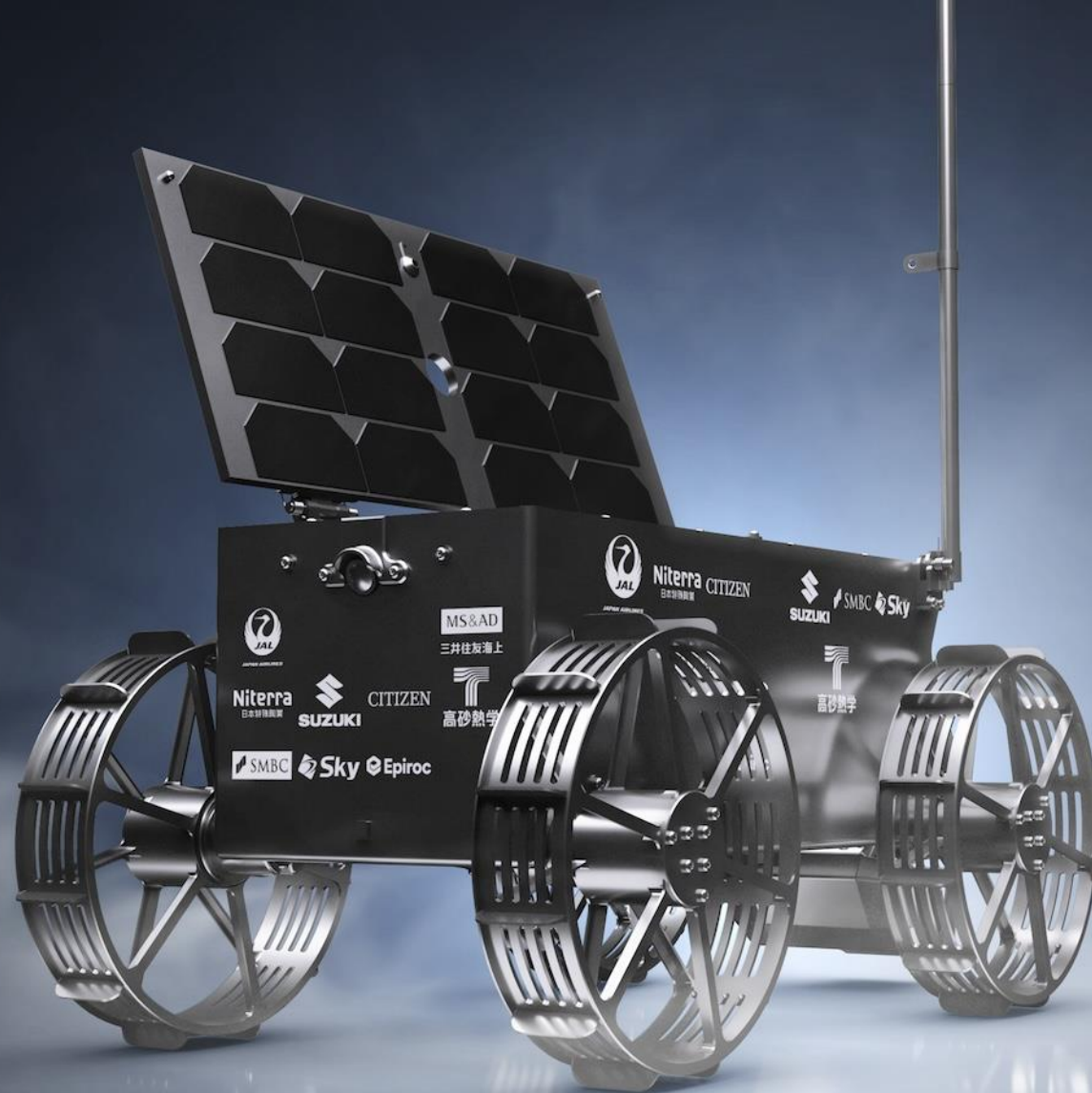


My Career to the Moon

November 29, 2023
Ertan Umit



Background

Education

2002 – 2007 : Electronics Engineering (BSc) / Gebze Technical University(TR)

2003 – 2008 : Software Engineering (BSc) / Gebze Technical University(TR)

2007 – 2011 : Aerospace Engineering (MSc) / Istanbul Technical University(TR)

Career

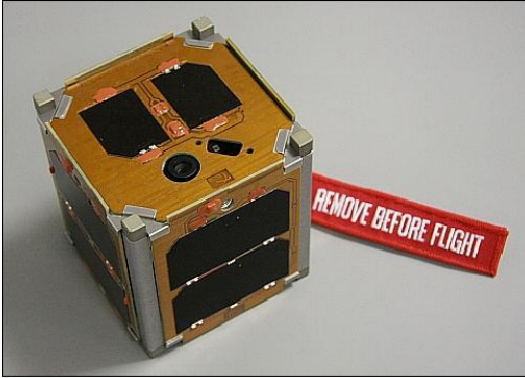
2007 – 2014 : Engineer/Teaching Assistant / Istanbul Technical University(TR)

2014 – 2020 : Research Engineer / Von Karman Institute(BE)

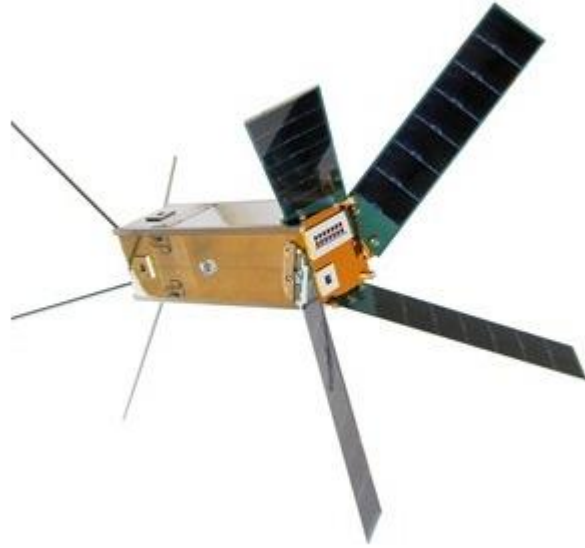
2020 – 2023 : Researcher / Royal Observatory of Belgium (BE)

2023 – Present : Payload Systems Engineer / ispace EUROPE S.A.

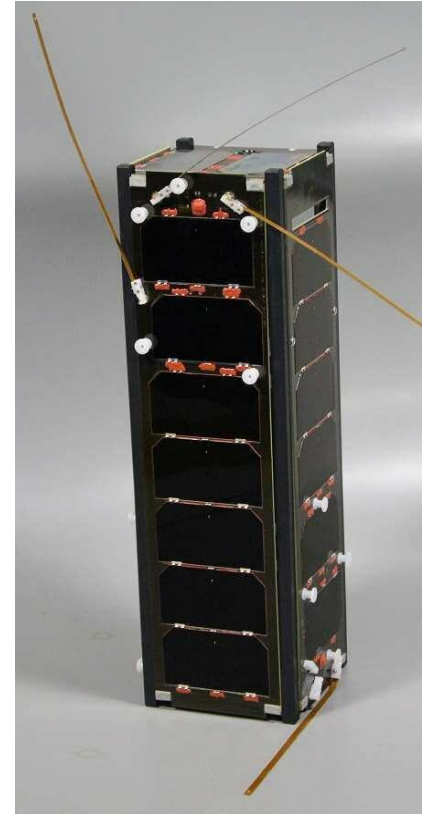
3 Projects experienced



ITUpSAT1
(2008-2010)

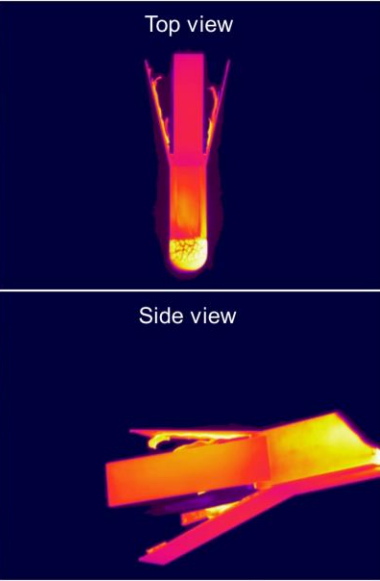
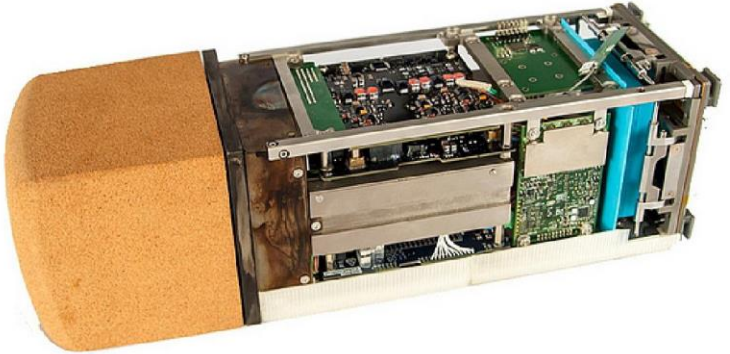


Delfi-n3Xt
(2010-2011)



TURKSAT3USAT
(2011-2013)

Projects - QARMAN



Pre-MIC 4 2015

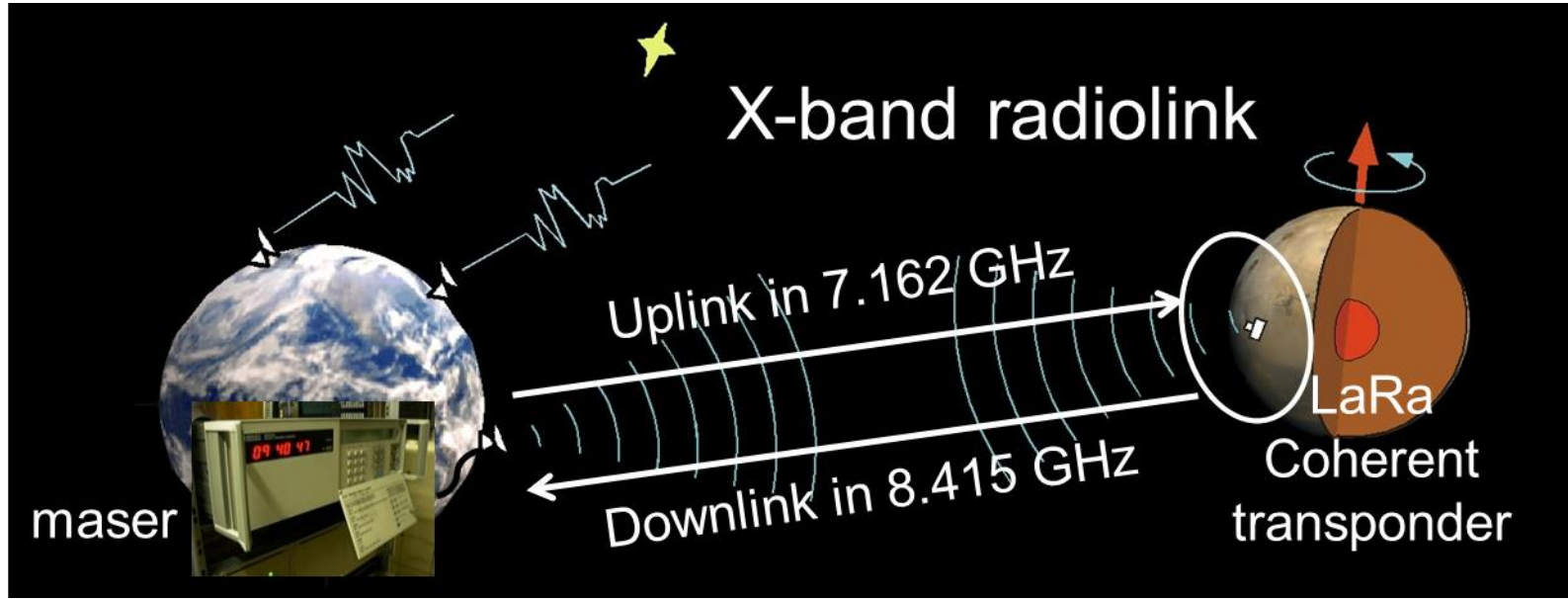
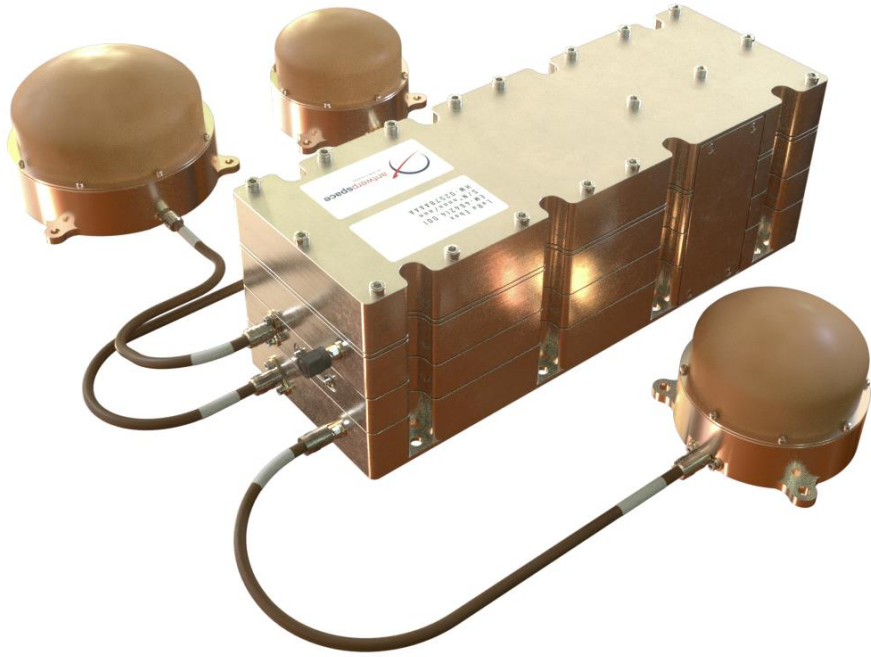


QARMAN (team Von Karman):

- Novel Re-entry CubeSat
- Deployable panels for ballistic stabilization
- Ablative heat shield.
- Iridium modem for data transfer.
- Orbit control via attitude control.
- Re-entry modelling/simulation validation



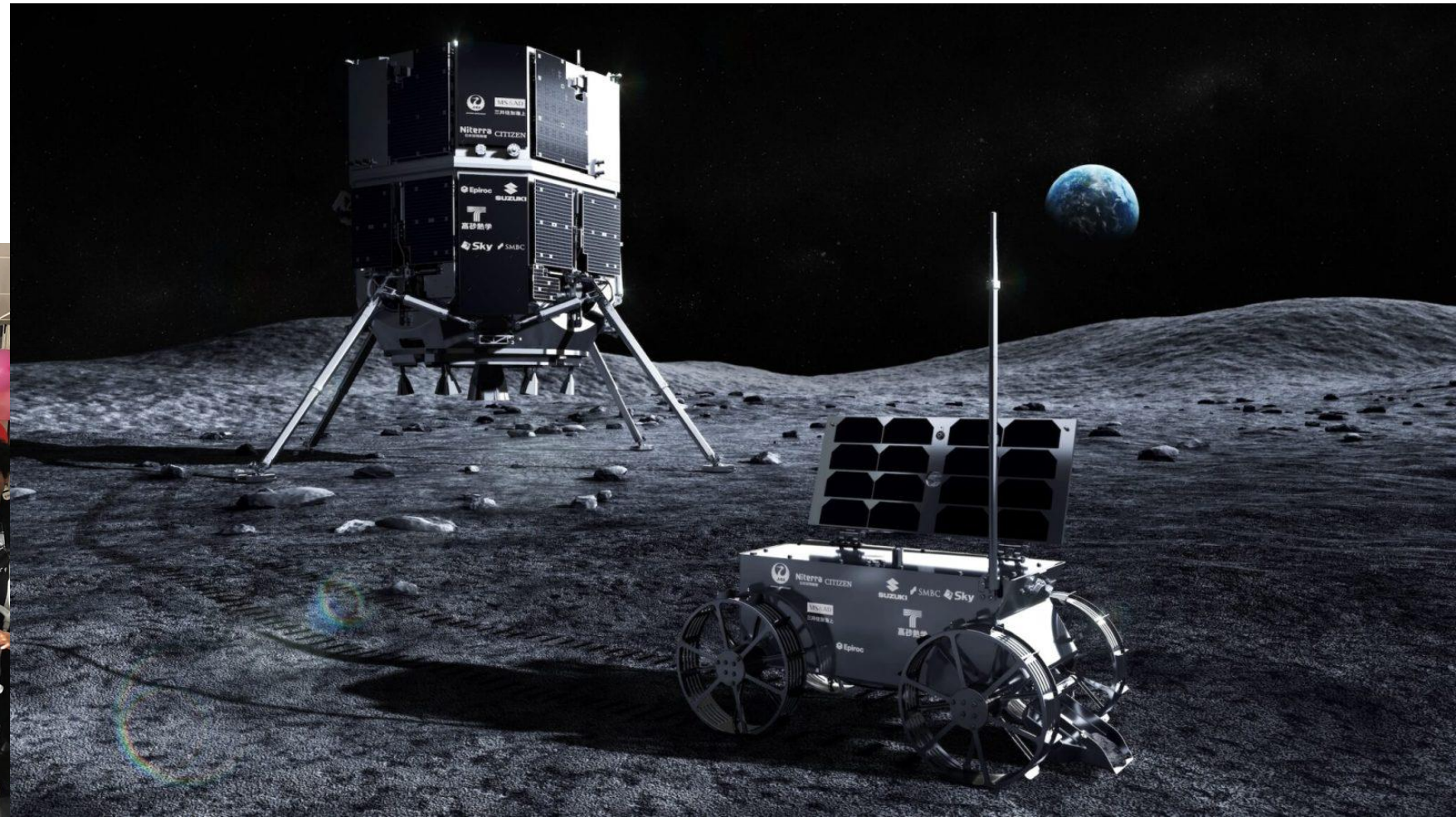
Projects ExoMars



ispace – moon and beyond

ispace SA:

- Payload systems engineer
- Technical support for payloads
- Technical support for rover development
- Support for proposals



My Path of Education and Career

