



Afterworking

for young engineers, architects & scientists



Matthieu Boutrolle

How to build and test a satellite

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Please sign up at info@davinciasbl.lu

Matthieu Boutrolle

Education

- Master II / Engineer Graduate, École Supérieure d'Aéronautique et de Construction Automobile (ESTACA)
- Master II Research on Information Technology and Systems, Université Technologique de Compiègne (UTC)



Professional carrer

- Engineer, Attitude and Orbit Control Systems, EADS Astrium (Toulouse)
- Senior Engineer. Attitude Determination and Control Systems & Propulsion, SES (Betzdorf)
- Manager, Spacecraft Programs, SES (Cannes)

SES is the leading satellite operator in the world with a fleet over more than 60 satellites. Space is probably the most inhospitable environment; however, these satellites must work seamlessly for more than 15 years without any external maintenance. This can be achieved thanks to rigorous design and thorough testing on the ground, before the spacecraft is launched.

Matthieu Boutrolle will show the parts that make a telecommunication satellite and how it is assembled and tested to survive the space environment. He will also cover the work done by SES engineers that follow all the phases of the satellite construction.