

ALESSIO TAITI

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Date of birth: 09/08/1979

Nationality: Italian



EDUCATION AND TRAINING

Senior High School

Scientific High School Diploma at Liceo Scientifico Statale A.M.E. Agnoletti Sesto F.no (Fi) – July 1998

University

Degree in Physics at University of Florence, April 2006

My studies at University was particularly focused on statistical mechanics and condensed matter physics (many bodies systems and Physics of low temperatures)

Technical Courses:

- *Imaging Spectrometers for Earth and Planets Remote Sensing*
Name of organisation providing education and training: CNR-INOA
- *Stray Light Tutorial*
Name of organisation providing education and training: Breault Research Organization
- *FRED tutorial*
Name of organisation providing education and training: Photon Engineering
- *Space optics, instruments, design & technology*
Name of organisation providing education and training: ESA

WORK EXPERIENCE

From January 2005 to July 2008

Scientific education advisor c/o Openlab (<http://www.openlab.unifi.it/>), University of Florence)

From July 2006 to October 2006

Collaborator c/o CNR

From July 2008 – 2016: Optical Engineer in LEONARDO

Main activities and responsibilities

- Optical Engineer of Attitude sensors
- Optical Engineer of Defence classified projects: IR cameras, windows and domes of fighters, airborne Hyper-spectral systems
- Optical Engineer Of FLORIS instrument (FLEX)
- Optical Engineer of SWIR-SS (S5)

From July 2016 – up today: Head Of Optical Engineering in LEONARDO

Main activities and responsibilities:

- Optical Architect of Chime
- Optical Architect of LSTM

MAIN PAPERS

- *Optical Design Of A Compact Dual Band Infrared Imaging Spectrometer* Whispers 2011;
- *Fluorescence imaging spectrometer optical design*, Proc. SPIE 9626, Optical Systems Design 2015: Optical Design and Engineering VI, 96261N (23 September 2015);
- *Instrument pre-development for FLEX mission*, presented at ICSO 2016 - 18-21 October - Biarritz, France;
- *Sentinel-5 Short-Wave Infrared Spectrometer Optical Design*, SPIE Proceedings Volume 10690, Optical Design and Engineering VII; 106901J (2018);
- *The optical design of the MAJIS instrument on board of the JUICE mission*, SPIE Proceedings Volume 10690, Optical Design and Engineering VII; 106901L (2018);