

Curriculum vitae

PERSONAL INFORMATION **Caterina Natali**

EDUCATION AND TRAINING

- 03/2017-12/2018 Internship for Master thesis
Siemens Industry Software NV, Leuven (Belgium)
Description:
Investigation of the dynamic behavior of gear transmission using LMS Virtual.Lab and LMS Transmission builder.
Supervisors: Dr. A. Rezayat, Dr. T. Tamarazzi
- 10/2016-12/2018 Master of Science in Mechanical Engineering
Università degli Studi di Ferrara, Ferrara (Italia)
Final mark 110/110 cum laude
Thesis: "Validation of advanced gear contact models: Application to internal gear pair"
Advisors: Prof. G. Dalpiaz, Prof. R. Rizzoni
Co-Advisors: Dr. A. Rezayat, Dr. T. Tamarazzi
- 09/2017-09/2018 Master Mécanique physique et ingénierie, M2 Spécialité Ingénierie et Conception de Projets Industriels (Double Degree)
Aix-Marseille Université, Marseille (France)
Final mark: 16.69/20 with first class honor
- 09/2013-10/2016 Bachelor of Science in Mechanical Engineering
Università degli Studi di Ferrara, Ferrara (Italia)
Final mark: 107/110
Thesis: "High cycle fatigue behaviour of Ti-6Al-4V obtained by Selective Laser Melting and Electron Beam Melting"
Advisor: Prof. R. Tovo
- 09/2008--06/2013 Scientific High School Diploma
Liceo Scientifico Antonio Roiti, Ferrara (Italia)
Languages option
Final mark: 82/100

PERSONAL SKILLS

- Mother tongue(s) Italian
- Foreign language(s) English (B1 level validated and delivered by Cambridge ESOL), French (DELF B1 level validated and delivered by Alliance française)

- Digital skills
- Proficient with Microsoft Office tools (Word, Excel, PowerPoint, MS Project)
 - Proficient with LMS Virtuallab (Motion package) and Transmission Builder
 - Proficient with Matlab
 - Basic knowledge of Simcenter software (Motion package)
 - Proficient with SOLIDWORKS
 - Proficient with CATIA V5
 - Good knowledge of Latex
 - Basic knowledge of AutoCad 20

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Ferrara, 16/01/2019

Caterina Natali