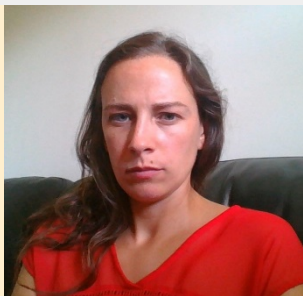


Marta Ochoa



ADDRESS

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Portugal
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LANGUAGES

Portuguese: Native speaker
English: Independent user

DATE OF BIRTH

7 December 1985

NATIONALITY

Portuguese

PROFESSIONAL EXPERIENCE

2013 - **ACTIVE AEROGELS, Coimbra, Portugal**
Aerogel solutions for the aerospace, oil and gas, environment, and construction sectors
Project Manager

- Oversee projects related to aerogel development (budget, timeline, tasks and team)
- Organization, track and review project deliverables
- Create schedule and timeline for manufacturing and testing prototypes
- Development of new aerogel synthesis formulation for upscaling
- Planning aerogels manufacturing in several forms (panels, beads and powder), procurement of raw materials
- Evaluation and preparation of new projects aligned with the company goals

Projects and role:
AAM (aerogel panel preparation and testing), Spray Aerogel (strategy definition and project management), AFCT (project management), AMM (strategy definition, aerogel panels preparation and testing, project management), AerSUS (materials preparation and testing), GELCLAD (Foam production planning and project management), AerogelDustFree (strategy definition, prototype production and project management), ARF (materials selection and project management), INFANTE (encapsulation system and project management)

2012 – 2013 **ACTIVE SPACE TECHNOLOGIES, Coimbra, Portugal**
Aerospace activities in structural/thermal engineering and opto-electronics, systems & control
Materials Engineer

- Project engineer in research projects related to aerogels development (Portuguese and European funding)
- Writing project deliverables
- Development and execution of customer made solution with aerogel materials

Projects and role:
AerTIS (encapsulation system and testing), AerTPS (aerogel testing)

2009 – 2012 **UNIVERSITY OF COIMBRA, Coimbra, Portugal**
Department of Chemical Engineering - Faculty of Sciences and Technology
Researcher

- Synthesis of silica-based materials by sol-gel technology
- Optimization of synthesis and drying conditions (AerTPS project)
- Materials characterization (thermal, mechanical and chemical properties evaluation)

EDUCATION

2004 – 2009 **UNIVERSITY OF COIMBRA, Coimbra, Portugal**
Department of Chemical Engineering - Faculty of Sciences and Technology
Master in Chemical Engineering
Thesis: "Aerogel synthesis from ethyltrimethoxysilane (ETMS) precursor"

2015 **International Space University, Strasbourg, France**
Post-graduation: Space Studies Program (Ohio University, Athens, USA)

ADDITIONAL COURSES

2012 Introduction to Materials Science and Engineering, University of Surrey, UK
2016 Project management, SPGEST, Coimbra, Portugal
2017 Environmental legislation, OutSupport, Coimbra, Portugal

PUBLICATIONS

2020 Simões, F., **Ochoa M.**, Goussetis, G., Kunes, M., Boria-Esbert, V., "Method for minimizing the multipactor effect in waveguides and resonant cavities", application number 20202001130604

2019 **Ochoa, M.**, *et al.*, Gels, 5, 6 (doi: 10.3390/gels5010006)

2015 Maia, A., **Ochoa, M.**, Portugal, A., Durães, Materials today: proceedings, 2, 49-56 (doi:10.1016/j.matpr.2015.04.007)

2013 Matias, T., **Ochoa, M.**, Portugal, A., Durães, L., Nano Stud. 7, 145-160

2013 **Ochoa, M.**, Durães, L., Perdigoto, M., Portugal, A., "Flexible panels of hydrophobic aerogel reinforced with fibre felts" WO 2015/016730

2012 **Ochoa, M.**, *et al.*, Journal of Sol-Gel Science and Technology, 61, 151–160 (doi: 10.1007/s10971-011-2604-7)

2012 Durães, L., **Ochoa, M.**, Rocha, N., Patrício, R., Duarte, N., Redondo, V., Portugal, A Journal of Nanoscience and Nanotechnology, 12, 1–7, (doi:10.1166/jnn.2012.4560)