

MembroFibEnTechMember



Caroline Loss

Bolsista de pós-Doutoramento / *Post-doctoral Fellow*

Contactos / Contacts

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Departamento / Department

Ciência e Tecnologia Têxteis / *Textile Science and Technology*

Grupo de investigação / Research group

Investigadora - Materiais Fibrosos /
Researcher - Fiber Materials

CV resumido / Short CV

Caroline Loss nasceu em 1988 em Caxias do Sul - Brasil. Recebeu em 2009, com Lâurea Académica, o título de Tecnóloga em Moda e Estilo pela Universidade de Caxias do Sul (Brasil). Em 2010 mudou-se para Portugal, onde recebeu o grau de Mestre em Design de Moda (2012) e Doutor em Engenharia Têxtil (2017), ambos pela Universidade da Beira Interior (UBI).

Durante os últimos anos tem estabelecido uma forte sinergia entre a Engenharia, Tecnologia e a Moda, de forma a explorar novos temas de investigação e a criação de novos materiais têxteis e produtos tecnológicos. Atualmente é bolsista de Pós-Doutoramento e investigadora integrada na FibEnTech Research Unit (UBI), trabalhando no projeto nacional TexBoost – Less Commodities More Specialties.

Doutora Caroline Loss é autora e coautora de três capítulos de livro e mais de 20 artigos em revistas científicas e conferências internacionais. Já recebeu quatro distinções pelo seu trabalho no âmbito das antenas têxteis, incluindo o terceiro lugar no The Fiber Society Graduate Student Paper Competition, e uma menção honrosa no Student Paper Award at the International Microwave Workshop Series on Advanced Materials and Processes Conference (IMWS-AMP), ambos em 2017.

Caroline Loss was born in Caxias do Sul, Brazil, in 1988. She received in 2009, with honor, the B.Sc. in Technology in Fashion and Style from the University of Caxias do Sul (Brazil). In 2010 she moved to Portugal, where she received the M.Sc. in Fashion Design (2012) and the Ph.D. in Textile Engineering (2017), both from the University of Beira Interior (UBI).

During the last few years she has established a strong synergy between Engineering, Technology and Fashion, in order to explore new research fields and the development of new textile materials and technological products. Currently, she is a post-doctoral fellow and integrated researcher member at FibEnTech Research Unit (UBI), working on the national project "TextBoost – Less Commodities More Specialties".

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She has authored or co-authored three book chapters and more than 20 papers for international journals and conferences.

Dr. Loss has awarded four distinctions for her work on textile antennas, including an Honorable Mention in the Student Paper Award at the International Microwave Workshop Series on Advanced Materials and Processes Conference (IMWS-AMP), and 3rd place at The Fiber Society Graduate Student Paper Competition, both in 2017.

Interesses científicos / Scientific interests

Têxteis inteligentes
Caracterização eletromagnética dos têxteis
Antenas têxteis
Circuitos e sistemas têxteis SoS (System on Substrate)
Sinergia entre moda e engenharia têxtil
Impressão 3D

*Smart fabrics
Electromagnetic characterization of textiles
Textile antennas
Textile systems and circuits - SoS (System on Substrate)
Synergy between fashion and textile engineering
3D Printing*

Atividades de ensino / Teaching activities

Hiperligações / Links

Ciência Vitae - <https://www.cienciavitae.pt/portal/1F13-E4E5-D1CF>
ORCID - <https://orcid.org/0000-0002-8763-3606>
Scopus - <https://www.scopus.com/authid/detail.uri?authorId=55511634400>
ResearchGate - https://www.researchgate.net/profile/Caroline_Loss
Publons - <https://publons.com/author/1416443/caroline-loss#profile>