Ignacio Merino [2025]

-----**EMPLOYMENT** _____ [2018 - current] ALIGN OFFICE S.L. HEAD OF PRODUCT DESIGN DESIGN, Awake 1.0 x 720 Protections - BTM Helmet - Sketching and Alias 3D modelling Circle x 720 Protections - Commuting Helmet - Sketching, Grasshopper and Alias 3D modelling $\label{eq:mtb} \mbox{MTB Capsule x Acerbis - Grasshopper pattern coding for clothing design}$ [2023-2025] CONTRACT PROFESSOR, Faculty of Design and Art - Free University of Bozen/Bolzano, Italy Teaching Material and Production + design Project assistant, summer semester. Teaching 'Digital Design: 3D CAD advanced', winter semester. [2022 - 2018] DESIGN RESEARCH ASSISTANT, Faculty of Design and Art - Free University of Bozen/Bolzano, Italy Research, co-create, manage and publish with a transdisciplinary approach, using methods of design research and design practices. 'Sustainable Smart Parasite' and 'DIYR' projects. [2022] PARAMETRIC DESIGNER - FREELANCER UEDELHOVEN-STUDIOS / AUDI - Parametric modelling of loudspeaker grids (1 month project) [2018] PRODUCT DESIGNER - FREELANCER Product Designer for BSH Group. Appliance Design for BSH Group R+D Department. Concept design and development of the "Scent Creator", Munich 3D CONCEPT ALIAS MODELLER, CAS - FREELANCER [2016] NEXTEV, Munich - Interior C-Class modelling Future Mobility Corporation, Munich - Exterior C-Class modelling [2016] AUDI Konzept Design Munich, KDM - - Exterior C-Class modelling [2015 -2016] [2016] ŠKODA AUTO a.s., Interior VisionS Show-car for Geneva 2016, Czech Republic ESISTE SRL & GMBH [2013 - 2015] Senior Alias Modeller for AUDI Konzept Design Munich, KDM Junior 3D Concept Modeller for Lamborghini, Sant'Agata Bolognese Junior Alias Modeller for Maserati, Turin Junior Alias Modeller and designer Audi: Rim Design and Alias modelling, Torino - Munich [2011 - 2013] Z-MOBILE INDUSTRIAL S.L. Junior designer, Exterior and Interior design of a alectric city-car. 3D modelling and feasibility development for fibreglass prototype, TechnoPark, Alcañiz, Spain **FDUCATTON** ______ [2018] MA Master of Arts HES-SO in Product Design, ECAL, Switzerland [2014] IED, Istituto Europeo di Design 'Corso di Design Sketching and Digital Tools', Turin - Italy [2012] BA Industrial Design and Product Development, Zaragoza Engineering School, Spain

I M [2025]

SCIENTIFIC PUBLICATIONS
Laser-Induced, Green and Biocompatible Paper-Based Devices for Circular Electronics (Adv. Mater. 17/2023), DOI: 10.1002/adfm.202210422, ISSN 1616-301X
"Innocell Bioreactor: An Open-Source Development to Produce Biomaterials for Food and Par Based on Fermentation Processes", ISSN 2311-5637
Screen-Printed Flexible Circular and Rectangular Silver Spirals for Planar Electrodynamic Loudspeakers: A Comparative Study of Pressure Frequency Response. 2022 6th IEEE Electron Technology & Manufacturing Conference (EDTM), DOI: 10.1109/EDTM53872.2022.9798156
3D printing of non-planar concrete layers for the development of innovative structures. Proceedings of the 2nd fib Symposium on Concrete and Concrete Structures, Rome 2021. ISBN 978-2-940643-13-4.
2.4 GHz Microstrip Patch Antenna Fabricated by Means of Laser Induced Graphitization of a Cellulose-based Paper Substrate. Conference: 2021 IEEE International Flexible Electronics Technology Conference (IFETC), August 2021, DOI: 10.1109/IFETC49530.2021.9580510.
An Open-Source Bioreactor Enhancing Microbial Cellulose Production and Novel Sustainable substances. Proceedings of the International Conference on Sustainable Design and Manufac KES-SDM 2021: Sustainable Design and Manufacturing pp 77-86.
GROUP EXHIBITIONS
Neues Museum Nuernberg, MATERIAL+ Future issues in design - "Personal Soft Scale, SSP, Un
Bolzano Art Week, BAW, "EUROPA20" Bolzano Art Week, BAW, "HOMEGROWN exhibition"
CHI italy, Sustainable Smart Parasites, Bolzano
CIBONE STORE, Tokio, "ECAL DIGITAL MARKET" V&A MUSEUM, London, "ECAL DIGITAL MARKET"
VITRA DESIGN MUSEUM, "ECAL DIGITAL MARKET" MILAN DESIGN WEEK. "ECAL DIGITAL MARKET"
ECAL x QWSTION, Zurich. VIENNA DESIGN WEEK, "A QUESTION FOR CONTEXT" IDEA CONTEST, Second prize for AEFACTS: "Improving energy efficiency in heavy transport veh

Red Dot Award, Mountain Bike Helmet for SEVENTWENTY Awake 1.0

[2020]