

# Sandra Malpica Mallo

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Languages: Spanish (native), English (advanced level)

## Work experience

[2018-now] Predoctoral researcher, under competitive research funding of 4 years. Government of Aragon grant.

[09/2020 – 12/2020] Research intern at Facebook Reality Labs.

[04/2019 – 06/2019] Research intern at Adobe Research, San Jose (California).

[07/2018 – 11/2018] and [06/2017 – 10/2017] Research assistant at Graphics and Imaging Lab (Universidad de Zaragoza).

[04/2017 – 06/2017] and [03/2016 – 12/2016] Research intern at Graphics and Imaging Lab (Universidad de Zaragoza).

[2015] Android development at Abaco Digital (Agora Santander grant).

## Education

[2018-now] Ph.D. program in Computer and Systems Engineering (Universidad de Zaragoza). Research line: Advanced Computer Graphics.

[2018] Biomedical Engineering Master (Universidad de Zaragoza).

[2017] Computer Engineering Degree (Computer Science mention, Universidad de Zaragoza).

## Research

[2020] [Sandra Malpica](#), Ana Serrano, Diego Gutierrez, Belen Masia. **Auditory stimuli degrade visual performance in virtual reality**. *Scientific Reports (Nature Publishing Group)*.

[2020] [Sandra Malpica](#), Belen Masia, Laura Herman, Gordon Wetzstein, David Eagleman, Diego Gutierrez, Zoya Bylinskii, Qi Sun. **Has half the time passed? Investigating time perception at long time scales**. *Vision Sciences Society (VSS) 2020*.

[2019] Manuel Lagunas, [Sandra Malpica](#), Ana Serrano, Elena Garces, Diego Gutierrez, Belen Masia. **A Similarity Measure for Material Appearance**. *Transactions on Graphics (SIGGRAPH)*.

[2019] [Sandra Malpica](#), Ana Serrano, Marcos Allue, Manuel G. Bedia, Belen Masia. **Crossmodal Perception in Virtual Reality**. *Multimedia Tools and Applications*.

[2017] [Sandra Malpica](#), Miguel Barrio, Diego Gutierrez, Ana Serrano, Belen Masia. **Improved Intuitive Appearance Editing Based on Soft PCA**. *Spanish Computer Graphics conference (CEIG)*, 2017.

## Teaching

[2020-now] Virtual Reality course. Master Program in Robotics, Graphics and Computer Vision. Universidad de Zaragoza.

[2020-now] Photography, image composition and edition. Industrial Design degree. Universidad de Zaragoza.

[2019/2020] Computing. Electric Engineering degree. Universidad de Zaragoza.

## Dissemination and others

[2021] IPC member for the VRST conference

[2019-2021] Reviewer for GRAPP, SAP, VIRE, ISMAR, EuroVR and VRST

[2021] Presenter at NEOCOM conference.

[2018-2020] Girls' Day, under the "Architecture and engineering week".

[2020] Presenter at the European researchers night (*Wanderlust*).

[2020] Volunteer at Women Tech Makers Zaragoza.

[2019] Presenter at VR Day Zaragoza.

[2017] VI Young Researchers' Day I3A (Engineering Research Institute of Aragon).