

J. Daniel Subias, Ph.D.

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Employment History

- 2022 **Researcher Assistant**, Graphics & Imaging Lab, University of Zaragoza.
- 2021 **Researcher Assistant**, Endomapper, University of Zaragoza .
- 2020 **Software Engineering**, Bitbrain, Zaragoza.

Education

- 2022 – Present **Ph.D. Computer Graphics**, University of Zaragoza.
Thesis title: *Intuitive Perception, Modeling, and Editing of Appearance.*
- 2021 – 2022 **M.Sc. Applied and Theoretical Mathematics**, Polytechnic University of Valencia.
Thesis title: *In-the-wild Material Appearance Editing using Perceptual Attributes.*
- 2017 – 2021 **B.Sc. Computer Science**, University of Zaragoza.
Thesis title: *3D Modeling of the Colon from Real Colonoscopies using Multi-view Geometry.*

Research Publications

Journal Articles

- 1 J. Guerrero-Viu, J. D. Subias, A. Serrano, *et al.*, “Predicting Perceived Gloss: Do Weak Labels Suffice?” *Computer Graphics Forum*, 2024, ISSN: 1467-8659. [🔗](#) DOI: 10.1111/cgf.15037.
- 2 J. D. Subias and M. Lagunas, “In-the-wild Material Appearance Editing using Perceptual Attributes,” *Computer Graphics Forum, Eurographics*, 2023, ISSN: 1467-8659.

Posters

- 1 J. D. Subías Sarrato and M. Lagunas, “In-the-wild material appearance editing using perceptual attributes,” in *Jornada de Jóvenes Investigadores del I3A*, vol. 11, Jul. 2023. [🔗](#) DOI: 10.26754/jjii3a.20239043.






Teaching

- Bachelor Level (Fall 2023/24) **Computer Graphics.**
- Master Level (Spring 2023/24) **Virtual Reality.**
- Bachelor Level (Fall 2024/25) **Computer Graphics.**
- Master Level (Spring 2024/25) **Virtual Reality.**

Supervision



- 2023 **Assessing uncertainty in Generative Adversarial Networks for material editing**, Bachelor Thesis - Pablo Lacueva, Grade: 8.8.

Dissemination


- 2023  **In-the-wild Material Appearance Editing using Perceptual Attributes**, Full-paper presentation at Eurographics 2023.
- 2023  **Computer graphics? What is that? (Dissemination Talk)**, IES Hermanos Argensola.
- 2024  **Predicting Perceived Gloss: Do Weak Labels Suffice?**, Full-paper presentation at Eurographics 2024.
- 2024  **Intuitive Perception, Modeling, and Editing of Appearance**, Doctoral Consortium at Eurographics 2024.
- 2024  **Behind the digital curtain: we see life through screens (Dissemination Talk)**, Salas Altas, Huesca.

Miscellaneous Experience

Awards and Achievements

- 2022  **Spanish protectoral grant**, Government of Aragon.
- 2024  **Doctoral Consortium**, Eurographics 2024.

Professional Services

- Review Services  Computers & Graphics and ACM Transactions on Applied Perception.