

# DÁVID MARUSCSÁK

MEDIA DESIGNER / INTERACTION DESIGNER

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## EDUCATION

- 2023 - 2026  
*(expected)* **Ph.D. in Computer Science**  
*PEPR eNSEMBLE Ph.D. program, Doctoral School STIC : Sciences and Technologies of Information and Communication, Université Paris-Saclay*  
Paris, France
- Supervisor: Prof. Christian Sandor
  - Co-supervisor: Prof. Takeo Igarashi
  - Research area: Augmented Reality and Human-Computer Interaction
- 2022 - 2023 **M.Sc. in Human-Computer Interaction**  
*Université Paris-Saclay*  
Paris, France

## EMPLOYMENT

- 2023.01 - 2023.03 **Contractual Research Engineer**  
*Centre de la recherche nationale (CNRS), Interdisciplinary Laboratory On Numerical Sciences (LISN), VENISE team*  
Paris, France
- 2020.08 - 2021.05 **Research Assistant**  
*City University of Hong Kong, School of Creative Media, AR-Lab*  
Hong Kong SAR

## PUBLICATIONS

- Dávid Maruscsák, Brett Bolton, Bent Stamnes, Matt Swoboda, and Christian Sandor. 2024. *Phases: Augmenting a Live Audio-Visual Performance with AR*. In ACM SIGGRAPH 2024 Real-Time Live! (RT Live! '24), June 30–July 4, 2024, Denver, CO, USA. ACM, New York, NY, USA, 2 pages. <https://doi.org/10.1145/3641520.3665310>
- Akihiro Kiuchi, Anran Qi, Eve Mingxiao Li, Dávid Maruscsák, Christian Sandor, and Takeo Igarashi. 2023. *PerfectFit: Custom-Fit Garment Design in Augmented Reality*. In SIGGRAPH Asia 2023 XR (SA XR '23), December 12–15, 2023, Sydney, NSW, Australia. ACM, New York, NY, USA, 2 pages. <https://doi.org/10.1145/3610549.3614592>
- Dávid Maruscsák, Gábor Szűcs, Jeanne Vézien, and Christian Sandor. 2023. *MiniGI: Guerilla Mappings in Miniature*. In SIGGRAPH Asia 2023 XR (SA XR '23), December 12–15, 2023, Sydney, NSW, Australia. ACM, New York, NY, USA, 1 page. <https://doi.org/10.1145/3610549.3614612>
- Dávid Maruscsák. 2021. *Dynamical Systems*. In Proceedings of the xCoAx 2021 Conference (xCoAx '21), July 14–16, 2021, Porto, Portugal. xCoAx, Porto, Portugal, 8 pages. <https://2021.xcoax.org/data/pdf/xCoAx2021-Maruscsak.pdf>

## AWARDS

- 2023 Best XR Demo - Audience Choice, ACM SIGGRAPH Asia 2023 (Sydney)

## PROJECTS

- 2024 **Aurora Audio-Visual Performance**  
Dome stage, Ozora festival, Hungary
- 2022 - 2023 **3D Mapping on the Hungarian Parliament Building**  
for the celebration of the Foundation of Hungary
- 2022 **ROOTS Audio-Visual Performance**  
Live Performers Meeting, Rome, Italy

## TEACHING EXPERIENCE

- Teaching Assistant**
- 2024 Course name: Programming of Interactive Systems
- 2020 Course name: Augmented Reality