

Personal Information

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International Researcher IDs

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Research Areas

Computer Graphics

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Computer Engineering,
2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **DeepDuoHDR: A Low Complexity Two Exposure Algorithm for HDR Deghosting on Mobile Devices**
ALPAY K. C., AKYÜZ A. O., Brandonisio N., Meehan J., Chalmers A.
IEEE Transactions on Image Processing, vol.33, pp.6592-6606, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Denoising and Guided Upsampling of Monte Carlo Path Traced Low Resolution Renderings**
Alpay K. C., Akyüz A. O.
Special Interest Group on Computer Graphics and Interactive Techniques Conference - Posters, SIGGRAPH 2022,
Vancouver, Canada, 7 - 11 August 2022
- II. **Accelerating Translational Image Registration for HDR Images on GPU**
Alpay K. C., Aydemir K. B., Temizel A.
6. Ulusal Yüksek Başarımlı Hesaplama Konferansı (BAŞARIM 2020), Ankara, Turkey, 8 - 09 October 2020

Supported Projects

Alpay K. C., Universities of Other Countries Supported Project, Demonstrator to show a significant quality enhancement
of video captured on mobile devices, 2023 - 2025

Metrics

Publication: 3

H-Index (WoS): 1

Invited Talks

Lavender Summit 2023 Mobile Imaging Workshop, Workshop, Huawei Nice Research Center, France, October 2023

Scholarships

Warwick EPSRC IAA Stipend, University, 2023 - 2023