

## EDUCATION

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### Max-Planck-Institut für Informatik

Ph.D in Computer Science

2020 –Present

### Peking University

M.S. in Computer Engineering

2017 –2020

### University of Electronic Science and Technology of China

B.S. in Communication Engineering

2013 –2017

## EXPERIENCE

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### Tencent

Robot X Lab

Shen Zhen, China

12.2019 - 06.2020

### University of Calgary

Geospatial Intelligence Laboratory

Calgary, Canada

Summer 2016

## PUBLICATIONS

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- [1] C. Wang, A. Serrano, X. Pan, B. Chen, H.-P. Seidel, C. Theobalt, K. Myszkowski, and T. Leimkuehler, “An implicit neural representation for the image stack: Depth, all in focus, and high dynamic range”, *ACM Trans. on Graph.*, 2023.
- [2] C. Wang, A. Serrano, X. Pan, B. Chen, H.-P. Seidel, C. Theobalt, K. Myszkowski, and T. Leimkuehler, “Glowgan: Unsupervised learning of hdr images from ldr images in the wild”, *International Conference on Computer Vision (ICCV)*, 2023.
- [3] B. Chen, A. Jindal, M. Piovarči, C. Wang, H.-P. Seidel, P. Didyk, A. Serrano, and R. Mantiuk, “The effect of display capabilities on the gloss consistency between real and virtual objects”, *ACM Siggraph Aisa (Conference Track)*, 2022.
- [4] B. Chen, M. Piovarči, C. Wang, H.-P. Seidel, P. Didyk, and A. Serrano, “Gloss management for consistent reproduction of real and virtual objects”, *ACM Siggraph Aisa (Conference Track)*, 2022.
- [5] C. Wang, B. Chen, H.-P. Seidel, K. Myszkowski, and A. Serrano, “Learning a self-supervised tone mapping operator via feature contrast masking loss”, *Eurographics*, 2022.
- [6] B. Chen, C. Wang, M. Piovarči, H.-P. Seidel, P. Didyk, K. Myszkowski, and A. Serrano, “The effect of geometry and illumination on appearance perception of different material categories”, *The Visual Computer*, vol. 37, no. 12, pp. 2975–2987, 2021.
- [7] A. Serrano, B. Chen, C. Wang, M. Piovarči, H.-P. Seidel, P. Didyk, and K. Myszkowski, “The effect of shape and illumination on material perception: Model and applications”, *ACM Trans. on Graph.*, vol. 40, no. 4, 2021.
- [8] N. Zhang, Y. Zhao, C. Wang, and R. Wang, “A real-time semi-supervised deep tone mapping network”, *IEEE Transactions on Multimedia*, 2021.
- [9] N. Zhang, C. Wang, Y. Zhao, and R. Wang, “Deep tone mapping network in hsv color space”, in *2019 IEEE Visual Communications and Image Processing (VCIP)*, IEEE, 2019, pp. 1–4.

## SKILLS

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- **Program Skills** Python, Matlab, C++
- **Deep Learning Framework** Tensorflow, Pytorch
- **Reviewer** IEEE TCSVT, IEEE TIP, IEEE SPL, IEEE ACCESS, Computer & Graphics

## SCHOLARSHIPS AND AWARDS

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|---|------|
| • 3rd Peking University Scholarship           | 2019 |
| • Merit Student of Peking University          | 2019 |
| • People's Scholarship in UESTC               | 2016 |
| • National Inspirational Scholarship in UESTC | 2015 |
| • People's Scholarship in UESTC               | 2014 |