

Guojin Chen

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Education

Ph.D. in Computer Science, <i>The Chinese University of Hong Kong</i>	2021 – Present
M.S. in Computer Science, <i>The Chinese University of Hong Kong</i>	2019 – 2020
B.S. in Computer Science, <i>Huazhong University of Science and Technology</i>	2015 – 2019

Publications [Google Scholar; 31+ citations, h-index: 3+]

Representative publications that I am a primary author on are highlighted.

2022

- [C7] *Efficient Point Cloud Analysis Using Hilbert Curve.*
Wanli Chen, Xinge Zhu, **Guojin Chen**, and Bei Yu
ECCV 2022
- [C6] *AdaOPC: A Self-Adaptive Mask Optimization Framework For Real Design Patterns*
Wenqian Zhao, Xufeng Yao, Ziyang Yu, **Guojin Chen**, Yuzhe Ma, Bei Yu, and Martin Wong
ICCAD 2022
- [C5] *LayouTransformer: Generating Layout Patterns with Transformer via Sequential Pattern Modeling*
Liangjian Wen, Yi Zhu, Lei Ye, **Guojin Chen**, Bei Yu, Jianzhuang Liu, and Chunjing Xu
ICCAD 2022

2021

- [C4] *DevelSet: Deep Neural Level Set for Instant Mask optimization*
Guojin Chen, Wanli Chen, Yuzhe Ma, Haoyu Yang, and Bei Yu
ICCAD 2021
- [C3] *Learning Point Clouds in EDA. (Invited Paper)*
Wei Li, **Guojin Chen**, Haoyu Yang, Ran Chen, and Bei Yu
ISPD 2021

2020

- [C2] *DAMO: Deep Agile Mask Optimization for Full Chip Scale*
Guojin Chen, Wanli Chen, Yuzhe Ma, Haoyu Yang, and Bei Yu
ICCAD 2020
- [C1] *A GPU-enabled Level Set Method for Mask Optimization*
Ziyang Yu, **Guojin Chen**, Yuzhe Ma, and Bei Yu
DATE 2020

Teaching

Python Computing (AIST 1110), TA	F2022
Mobile Computing (CSCI 3310), TA	S2022
Numerical Optimization (AIST 3010), TA	F2021

Skills

Programming	C, C++, CUDA, Python, CMake, Golang
Frameworks	JAX, NumPy, Pandas, PyTorch, SciPy
Toolbox	Linux, vim, evil, org, mu4e, xmonad, git, tmux, zsh