



**Advances in Image Manipulation Workshop**  
International Conference on Computer Vision, Seoul, Korea, November 2<sup>nd</sup> 2019

presents

## **Winner Award**

in

AIM 2019 Challenge on Bokeh Effect Synthesis  
Track 2: Perceptual

to the Authors

**ICCV 2019**  
Seoul, Korea



**Bolun Zheng, Xin Ye, Li Huang, Xiang Tian**

Zhejiang University, China



**Advances in Image Manipulation Workshop**  
International Conference on Computer Vision, Seoul, Korea, November 2<sup>nd</sup> 2019

presents

## **Winner Award**

in

AIM 2019 Challenge on Bokeh Effect Synthesis  
Track 1: Fidelity

to the Authors

**ICCV 2019**  
Seoul, Korea



**Zhiwei Xiong, Jie Huang,  
Guanting Dong, Mingde Yao, Dong Liu**

University of Science and Technology of China



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presents

# Runner-Up Award

in

AIM 2019 Challenge on Bokeh Effect Synthesis

to the Author

**ICCV 2019**  
Seoul, Korea



## Saikat Dutta

Indian Institute of Technology Madras, India



**Advances in Image Manipulation Workshop**  
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## **Runner-Up Award**

in

AIM 2019 Challenge on Bokeh Effect Synthesis

to the Authors

**ICCV 2019**  
Seoul, Korea



**Kuldeep Purohit, Praveen Kandula,  
Maitreya Suin, A.N. Rajagopalan**

Indian Institute of Technology Madras, India



**Advances in Image Manipulation Workshop**  
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## **Winner Award**

in

AIM 2019 Challenge on RAW to RGB Mapping

to the Authors

**ICCV 2019**  
Seoul, Korea



**Sung-Jea Ko, Seung-Wook Kim, Kwang-Hyun Uhm,  
Seo-Won Ji, Sung-Jin Cho, Jun-Pyo Hong**

Korea University, Korea



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## **Winner Award**

in

AIM 2019 Challenge on RAW to RGB Mapping

to the Authors

**ICCV 2019**  
Seoul, Korea



**Kangfu Mei, Juncheng Li, Jiajie Zhang,  
Haoyu Wu, Jie Li, Rui Huang**

The Chinese University of Hong Kong, Kuaishou Technology, East China Normal University



**Advances in Image Manipulation Workshop**  
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## **Winner Award**

in

AIM 2019 Challenge on Real World Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



**Manuel Fritsche, Shuhang Gu, Radu Timofte**

ETH Zurich, Switzerland



**Advances in Image Manipulation Workshop**  
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## **Runner-Up Award**

in

AIM 2019 Challenge on Real World Super-Resolution  
Track 1: Source domain

**ICCV 2019**  
Seoul, Korea



to the Authors

**Kuldeep Purohit, Praveen Kandula,  
Maitreya Suin, A.N. Rajagopalan**

Indian Institute of Technology Madras, India





**Advances in Image Manipulation Workshop**  
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## **Runner-Up Award**

in

AIM 2019 Challenge on Real World Super-Resolution  
Track 2: Target domain

**ICCV 2019**  
Seoul, Korea



to the Authors

**Yuanfei Huang, Xiaopeng Sun, Wen Lu, Jie Li, Xinbo Gao**

Xidian University, China



**Advances in Image Manipulation Workshop**  
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presents

## **Winner Award**

in

AIM 2019 Challenge on Image Demoireing

to the Authors

**ICCV 2019**  
*Seoul, Korea*



# **Bolun Zheng, Xin Ye, Xiang Tian, Yaowu Chen**

Zhejiang University, China



**Advances in Image Manipulation Workshop**  
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# Runner-Up Award

in

AIM 2019 Challenge on Image Demoireing

to the Authors

**ICCV 2019**  
*Seoul, Korea*



## Xi Cheng, Zhenyong Fu, Jian Yang

Nanjing University of Science and Technology, China



**Advances in Image Manipulation Workshop**  
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# Runner-Up Award

in

AIM 2019 Challenge on Image Demoireing

to the Authors

**ICCV 2019**  
Seoul, Korea



**Ming Hong, Wenying Lin, Wenjin Yang, Yanyun Qu**

Xiamen University, China



**Advances in Image Manipulation Workshop**  
International Conference on Computer Vision, Seoul, Korea, November 2<sup>nd</sup> 2019

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# Runner-Up Award

in

AIM 2019 Challenge on Image Demoireing

to the Authors

**ICCV 2019**  
Seoul, Korea



**Hong-Kyu Shin, Joon-Yeon Kim, Sung-Jea Ko**

Korea University, Korea



**Advances in Image Manipulation Workshop**  
International Conference on Computer Vision, Seoul, Korea, November 2<sup>nd</sup> 2019

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## **Winner Award**

in

AIM 2019 Challenge on Constrained Super-Resolution  
Track 1: Parameters & Track 2: Inference

**ICCV 2019**  
Seoul, Korea



to the Authors

**Zheng Hui, Xiumei Wang, Xinbo Gao**

Xidian University, China



**Advances in Image Manipulation Workshop**  
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## **Winner Award**

in

AIM 2019 Challenge on Constrained Super-Resolution  
Track 3: Fidelity

**ICCV 2019**  
Seoul, Korea



to the Authors

**Xueyi Zou, Ning Kang, Zhan Wang, Hang Xu**

Noah's Ark Lab, Huawei



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presents

# Runner-Up Award

in

AIM 2019 Challenge on Constrained Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



## Dongliang Xiong

College of Electrical Engineering, Zhejiang University, China





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# Runner-Up Award

in

AIM 2019 Challenge on Constrained Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



**Shuai Liu, Ruipeng Gang, Nan Nan, Chenghua Li**

North China University of Technology & Institute of Automation, Chinese Academy of Sciences



**Advances in Image Manipulation Workshop**  
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## **Winner Award**

in

AIM 2019 Challenge on Image Extreme Super-Resolution  
Track 2: Perceptual

**ICCV 2019**  
Seoul, Korea



to the Authors

**Pablo Navarrete Michelini,  
Wenbin Chen, Hanwen Liu, Dan Zhu**

BOE Technology Group Co., Ltd.



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## **Winner Award**

in

AIM 2019 Challenge on Image Extreme Super-Resolution  
Track 1: Fidelity

**ICCV 2019**  
Seoul, Korea



to the Authors

# **Xie Tangxin, Yang Xin, Jia Yu, Zhu Chen**

Nanjing University of Aeronautics and Astronautics & China Electronics Technology Cyber Security Co., Ltd.



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# Runner-Up Award

in

AIM 2019 Challenge on Image Extreme Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



**Muhammad Haris, Kazutoshi Akita,  
Greg Shakhnarovich, Norimichi Ukita**

Toyota Technological Institute (TTI) & Toyota Technological Institute at Chicago (TTIC)



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## **Winner Award**

in

AIM 2019 Challenge on Video Extreme Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



**Xin Tao, Wenbo Li, Taian Guo, Zijun Deng, Liying Lu,  
Tao Dai, Xiaoyong Shen, Shutao Xia, Yurong Dai, Jiaya Jia**

Tencent X-Lab, Shenzhen, Guangdong, China



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## Runner-Up Award

in

AIM 2019 Challenge on Video Extreme Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



**Peng Yi, Zhongyuan Wang, Kui Jiang,  
Junjun Jiang, Jiayi Ma**

National Engineering Research Center for Multimedia Software, School of Computer Science, Wuhan University, China



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## **Winner Award**

in

AIM 2019 Challenge on Video Temporal Super-Resolution

**ICCV 2019**  
Seoul, Korea



to the Authors

**Li Siyao, Ze Pan, Xiangyu Xu, Wenxiu Sun**

SenseTime Research, China



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## Runner-Up Award

in

AIM 2019 Challenge on Video Temporal Super-Resolution

to the Authors

**ICCV 2019**  
Seoul, Korea



**Myungsub Choi, Heewon Kim, Bohyung Han,  
Ning Xu, Kyoung Mu Lee**

Department of ECE, ASRI, Seoul National University, Korea & Amazon, USA