

Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# winner Award

NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

## Jing Liu, Haiyan Wu, Yuan Xie, Yanyun Qu, Lizhuang Ma

East China Normal University, Multimedia and Computer Vision Lab





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# winner Award

NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

## Haiyan Wu, Jing Liu, Yuan Xie, Yanyun Qu, Lizhuang Ma

East China Normal University, Multimedia and Computer Vision Lab





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15th 2020

### presents **Runner-Up Award**

in NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

# Ziling Huang, Qili Deng

National Tsinghua University, ByteDance AI Lab





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15th 2020

### presents **Runner-Up Award**

in NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

# Qili Deng, Ziling Huang

National Tsinghua University, ByteDance AI Lab





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

## Ju-Chin Chao, Tsung-Shan Yang, Peng-Wen Chen, Po-Min Hsu, Tzu-Yi Liao, Chung-En Sun, Pei-Yuan Wu

National Taiwan University, Graduate Institute of Communication Engineering





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

## Jeonghyeok Do, Jongmin Park, Munchurl Kim

Korea Advanced Institute of Science and Technology (KAIST), Daejoeon, Republic of Korea





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Nonhomogeneous Dehazing

to the Authors

### Kareem Metwaly, Xuelu Li, Tiantong Guo, Vishal Monga

The Pennsylvania State University, School of Electrical Engineering and Computer Science, The Information Processing and Algorithms Laboratory (iPAL)





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# winner Award

in NTIRE 2020 Challenge on Real Image Denoising: Track 1 rawRGB

**@VPR** 

to the Authors

## Zhihong Pan, Baopu Li, Teng Xi, Yanwen Fan, Xiyu Yu, Gang Zhang, Jingtuo Liu, Junyu Han, Errui Ding

The Baidu Research (USA) and Department of Computer Vision Technology (VIS), Baidu Incorporation





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# winner Award

in NTIRE 2020 Challenge on Real Image Denoising: Track 1 rawRGB

**ØVPR** 

to the Authors

## Yue Cao, Zhilu Zhang, Wangmeng Zuo, Xiaoling Zhang, Jiye Liu, Wendong Chen, Changyuan Wen, Meng Liu, Shuailin Lv, Yunchao Zhang

Harbin Institute of Technology, China and Huawei, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Runner-Up Award

NTIRE 2020 Challenge on Real Image Denoising: Track 1 rawRGB

**ØVPR** 

to the Authors

# Songhyun Yu, Bumjun Park, Jechang Jeong

Hanyang University, Seoul, Korea





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Runner-Up Award

NTIRE 2020 Challenge on Real Image Denoising: Track 1 rawRGB

**ØVPR** 

to the Authors

## Zengli Yang, Long Bao, Shuangquan Wang, Dongwoon Bai, Jungwon Lee

Samsung Semiconductor, Inc.





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### presents Winner Award

NTIRE 2020 Challenge on Real Image Denoising: Track 2 sRGB

**ØVPR** 

to the Authors

# Songhyun Yu, Bumjun Park, Jechang Jeong

Hanyang University, Seoul, Korea





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

NTIRE 2020 Challenge on Real Image Denoising: Track 2 sRGB

**ØVPR** 

to the Authors

## Shuai Liu, Ziyao Zong, Nan Nan, Chenghua Li

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





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

NTIRE 2020 Challenge on Real Image Denoising: Track 2 sRGB

**@VPR** 

to the Authors

## Yue Cao, Zhilu Zhang, Wangmeng Zuo, Xiaoling Zhang, Jiye Liu, Wendong Chen, Changyuan Wen, Meng Liu, Shuailin Lv, Yunchao Zhang

Harbin Institute of Technology, China and Huawei, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Winner Award

NTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 1 Image Processing Artifacts

to the Authors

## Xiaozhong Ji, Yun Cao, Ying Tai, Chengjie Wang, Jilin Li, Feiyue Huang

Nanjing University, Tencent Youtu Lab





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

NTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 1 Image Processing Artifacts

to the Authors

## Haoyu Ren, Amin Kheradmand, Mostafa El-Khamy, Shuangquan Wang, Dongwoon Bai, Jungwon Lee

SOC R&D, Samsung Semiconductor, Inc., USA





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

NTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 1 Image Processing Artifacts

to the Authors

## Pablo Navarrete Michelini, Fengshuo Hu, Yanhong Wang, Yunhua Lu

BOE Technology Group Co. Ltd.





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 1 Image Processing Artifacts

to the Authors

# Fuzhi Yang, Huan Yang, Jianlong Fu

Shanghai Jiao Tong University and Microsoft Research Beijing, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Winner Award

INTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 2 Smartphone Images

to the Authors

## Xiaozhong Ji, Yun Cao, Ying Tai, Chengjie Wang, Jilin Li, Feiyue Huang

Nanjing University, Tencent Youtu Lab





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

INTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 2 Smartphone Images

to the Authors

## Xing Liu, Shuaijun Chen, Lei Zhao, Zhan Wang, Yuxuan Lin, Xu Jia, Ziluan Liu, Xueyi Zou

Huawei Technologies Co., Ltd





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

NTIRE 2020 Challenge on Real-World Image Super-Resolution: Track 2 Smartphone Images

to the Authors

# Ziyao Zong, Shuai Liu, Biao Yang

North China University of Technology





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### presents Winner Award

NTIRE 2020 Challenge on Perceptual Extreme Super-Resolution

to the Authors

## Taizhang Shang, Qiuju Dai, Shengchen Zhu, Tong Yang, Yandong Guo

**OPPO** Research





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

NTIRE 2020 Challenge on Perceptual Extreme Super-Resolution

to the Authors

## Younghyun Jo, Sejong Yang, Seon Joo Kim

Yonsei University and Facebook





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

NTIRE 2020 Challenge on Perceptual Extreme Super-Resolution

to the Authors

## Lin Zha, Jiande Jiang, Xinbo Gao, Wen Lu

Qingdao Hi-image Technologies Co., Ltd (Hisense Visual Technology Co., Ltd.) and Xidian University





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15th 2020

### presents **Honorable Mention Award**

NTIRE 2020 Challenge on Perceptual Extreme Super-Resolution 

to the Author

## **Jing Liu**

Multimedia and Computer Vision Lab, East China Normal University (ECNU)





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Perceptual Extreme Super-Resolution

to the Authors

## Zhipeng Luo, Yuehan Yao, Zhenyu Xu

DeepBlue Technology (Shanghai) Co.,Ltd





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### presents Winner Award

NTIRE 2020 Challenge on Video Quality Mapping: Track 1 Supervised

to the Authors

# Chao Li, Dongliang He, Fu Li, Shilei Wen

Department of Computer Vision Technology (VIS), Baidu Inc., Beijing, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### Presents Runner-Up Award

NTIRE 2020 Challenge on Video Quality Mapping: Track 1 Supervised

to the Authors

## Muchen Li, Siyao Li, Bo Pang, Cewu Lu

Machine Vision and Intelligence Group, Department of Computer Science, Shanghai Jiao Tong University, Shanghai, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Runner-Up Award

NTIRE 2020 Challenge on Video Quality Mapping: Track 1 Supervised

to the Authors

## Hua Wang, Longcun Jin, Dewei Su

School of Software Engineering, South China University of Technology, Guangdong, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# winner Award

NTIRE 2020 Challenge on Image Demoireing

to the Authors

## Xiaotong Luo, Jiangtao Zhang, Ming Hong, Yanyun Qu, Yuan Xie, Cuihua Li

Xiamen University, China and East China Normal University, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### presents Winner Award

NTIRE 2020 Challenge on Image Demoireing

to the Authors

## Xiaotong Luo, Jiangtao Zhang, Ming Hong, Yanyun Qu, Yuan Xie, Cuihua Li

Xiamen University, China and East China Normal University, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Runner-Up Award

NTIRE 2020 Challenge on Image Demoireing

to the Authors

# Dejia Xu, Yihao Chu, Qingyan Sun

Peking University, China and Beijing University of Posts and Telecommunications, China and Beijing Jiaotong University, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Runner-Up Award

NTIRE 2020 Challenge on Image Demoireing

to the Authors



### Shuai Liu, Ziyao Zong, Nan Nan, Chenghua Li

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





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Image Demoireing

to the Authors



## Sangmin Kim, Hyungjoon Nam, Jisu Kim, Jechang Jeong

Hanyang University, Korea





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### Presents Honorable Mention Award

NTIRE 2020 Challenge on Image Demoireing

to the Authors



## Manri Cheon, Sung-Jun Yoon, Byungyeon Kang, Junwoo Lee

LG Electronics





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### presents Winner Award

NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image: Track 1 Clean

to the Authors

## Jiaojiao Li, Chaoxiong Wu, Rui Song, Yunsong Li, Fei Liu

Xidian University, Xi'an, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image: Track 1 Clean

to the Authors

# Zhiqiang Lang, Wei Wei, Lei Zhang, Jiangtao Nie

Chang'an campus of Northwestern Polytechnical University, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image: Track 1 Clean

to the Authors

# Yuzhi Zhao, Lai-Man Po, Qiong Yan, Wei Liu, Tingyu Lin

City University of Hong Kong, SenseTime Research, Harbin Institute of Technology, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

#### presents Winner Award

NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image: Track 2 Real World

to the Authors

# Yuzhi Zhao, Lai-Man Po, Qiong Yan, Wei Liu, Tingyu Lin

City University of Hong Kong, SenseTime Research, Harbin Institute of Technology, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image: Track 2 Real World

to the Authors

# Zhiqiang Lang, Wei Wei, Lei Zhang, Jiangtao Nie

Chang'an campus of Northwestern Polytechnical University, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

NTIRE 2020 Challenge on Spectral Reconstruction from an RGB Image: Track 2 Real World

to the Authors

## Jiaojiao Li, Chaoxiong Wu, Rui Song, Yunsong Li, Fei Liu

Xidian University, Xi'an, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# winner Award

in NTIRE 2020 Challenge on Image Deblurring: Track 1 On Desktop

to the Authors

## **Stephan Brehm, Sebastian Scherer**

University of Augsburg, Chair for Multimedia Computing and Computer Vision Lab, Germany





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

NTIRE 2020 Challenge on Image Deblurring: Track 1 On Desktop

to the Authors

# Dejia Xu, Yihao Chu, Qingyan Sun

Peking University, China and Beijing University of Posts and Telecommunications, China and Beijing Jiaotong University, China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

in NTIRE 2020 Challenge on Image Deblurring: Track 1 On Desktop

to the Authors

## Cheng-Ming Chiang, Yu Tseng, Yu-Syuan Xu, Yi-Min Tsai

MediaTek Inc.





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

### presents Winner Award

in NTIRE 2020 Challenge on Image Deblurring: Track 2 On Smartphone



to the Authors

# Cheng-Ming Chiang, Yu Tseng, Yu-Syuan Xu, Yi-Min Tsai

MediaTek Inc.





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 2<sup>nd</sup> Place Award

in NTIRE 2020 Challenge on Image Deblurring: Track 2 On Smartphone

to the Authors

# Zhiwei Xiong, Jie Huang, Dong Liu

University of Science and Technology of China





Conference on Computer Vision and Pattern Recognition, Seattle, US, June 15<sup>th</sup> 2020

# 3<sup>rd</sup> Place Award

in NTIRE 2020 Challenge on Image Deblurring: Track 2 On Smartphone

to the Authors

## Sangmin Kim, Hyungjoon Nam, Jisu Kim, Jechang Jeong

Image Communication Signal Processing Laboratory, Hanyang University, Korea

