NAVER

Creating new connections

NAVER is Korea's premier internet company and a global leader in online services like NAVER search, LINE messaging and WEBTOON. NAVER invests over a quarter of revenue in R&D and, through advanced technology, is seamlessly connecting the physical and digital worlds. Its AI and Robotics research in Asia and Europe is fundamental to creating this future.

NAVER | LINE | Clova AI

CLOVA AI Research is responsible for advanced and fundamental AI technologies based on machine learning and deep learning in computer vision, natural language processing, recommendation, and pattern recognition that enable the global NAVER and LINE AI platform (CLOVA) to be smarter.

NAVER LABS

NAVER LABS creates NAVER future technologies. Based in Korea and France this world class team of highly-engaged researchers, engineers and interface designers work together on AI, robotics, autonomous driving, 3D/HD mapping and AR.

Visit NAVER at ECCV 2020 Expo
Join the NAVER interactive session
Wednesday August 26th
11:30-12:15pm BST   13:30-14:15 CET   20:30-21:15 KST

ECCV'20 ONLINE 23-28 AUGUST 2020

Jung Woo Ha, Executive Officer, Clova AI

Naila Murray, Scientific Director, NAVER LABS Europe

Jongyoon Peck, Executive Officer, NAVER LABS, Autonomous Driving Group

GLOBAL AI R&D BELT

kapture –
A unified data format to facilitate visual localization and structure from motion.

We recently released **kapture** to help research in visual localization and SfM by unifying data formats. The datasets of the ECCV 2020 Long Term Visual Localization challenge are available in kapture format. Code available on github.

NAVER is an ECCV 2020 sponsor and supporter of
- Workshop on Long-Term Visual Localization under Changing Conditions
- TASK-CV 2020 and the VisDA Challenge
- Robust Vision Challenge, RCV 2020
- Tutorial on Domain Adaptation for Visual Applications

Publications at ECCV 2020

BSL-1K: Scaling up co-articulated sign recognition using mouthing cues, Samuel Albanie, Gul Varol, Liliane Momeni, Triantafyllos Afouras, Joon Son Chung, Neil Fox, Andrew Zisserman

Character Region Attention For Text Spotting, Youngmin Baek, Seung Shin, Jeonghun Baek, Sungrae Park, Junyeop Lee, Daehyun Nam, Hwalsuk Lee

DOPE: Distillation Of Part Experts for whole-body 3D pose estimation in the wild, Philippe Weinzaepfel, Romain Brégier, Hadrien Combaluzier, Vincent Leroy, Gregory Rogez

Few-shot Compositional Font Generation with Dual Memory, Junbum Cha, Sanghyuk Chun, Gayoung Lee, Bado Lee, Seonghyeon Kim, Hwalsuk Lee

Learning to Generate Grounded Visual Captions without Localization Supervision, Chih-Yao Ma, Yannis Kalantidis, Ghassan AlRegib, Peter Vajda, Marcus Rohrbach, Zsolt Kira

Learning Visual Representations with Caption Annotations, Bülent Sariyildiz, Julien Perez, Diane Larlus

Measuring Generalisation to Unseen Viewpoints, Articulations, Shapes and Objects for 3D Hand Pose Estimation under Hand-Object Interaction, Anil Armagan, Philippe Weinzaepfel, Romain Bregier, Gregory Rogez et al.

ReAD: Reciprocal Attention Discriminator for Image-to-Video Re-Identification, Minho Shim, Hsuan-I Ho, Jinhyung Kim, Dongyoon Wee

Self-supervised learning of audio-visual objects from video, Triantafyllos Afouras, Andrew Owens, Joon Son Chung, Andrew Zisserman

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