# 1. EURASIP SSRM(Summer School on Remote Sensing and Microscopy Image Processing)

(장소) Veszprém, Hungary(베스프렘, 헝가리)

(일시) 07.29~08.02

(링크) https://ssrm.mik.uni-pannon.hu

(숙박) 개별 예약 / 일부 인원에 한해 무료 숙박이 제공될 수 있음.

(프로그램)

- 포스터 발표
- Image and signal processing methods applied for remote sensing and microscopy imaging
- Probabilistic graphical models
- CNNs and deep learning
- Semantic segmentation
- Object detection (e.g. single cell extraction, road network detection,...)
- Biodiversity tracking
- Radar remote sensing
- Aspects of polarization
- Shape models
- Multimodal data fusion
- Marked point process
- Synthetic aperture radar(SAR)
- Ship and ship wake detection
- Single cell-based large-scale microscopy
- Machine learning methods to identify various cellular phenotypes


# 2. Cooperative AI Summer School

(장소) Santa Cruz, US(산타크루스, 미국)

(일시) 06.19~06.23

(링크) https://www.cooperativeai.com/summer-school/summer-school-2024

(숙박) 총 2박 개별 예약(기간 중 첫날과 마지막 날)

(프로그램)

- 세부 일정 추후 안내 예정이며, 23년도 포스터 세션 진행하였음.

## 3. Vision and Sports Summer School(스포츠 활동 포함)

(장소) Prague, Czech Republic(프라하, 체코)

(일시) 07.22~07.27

(링크) https://cmp.felk.cvut.cz/summerschool2024

(숙박) 개별 예약

(프로그램)

- Deep learning in computer vision
- Best practice in machine learning for computer vision
- Large scale indexing, retrieval, and learning
- Variational methods and geometric reconstruction
- Visual tracking
- Weakly supervised learning of visual models
- Large scale Structure-from-Motion
- Large scale specific object recognition
- 마지막 날(27일) Workshop(Computer Vision Research) 교사들의 speech 진행
- 16:30~18:30 스포츠 활동

## 4. Summer School on AI and Big Data 2024

(장소) Leipzig, Germany(라이프치히, 독일)

(일시) 06.25~06.28

(링크) https://scads.ai/education/summer-schools/summer-school-2024/

(숙박) 개별 예약

(프로그램)



Generative AI and ML

Earth and Environmental Sciences and AI

Human Computer Interaction and AI

Responsible AI

Mathematical Foundations of AI

Protein Engineering and AI

## 5. DeepLearn2024 11th International School on Deep Learning

(장소) Porto - Maia, Portugal(포르투 현 마이아, 포르투갈)

(일시) 07.15~07.19

(선발) OO명

(링크) https://deeplearn.irdta.eu/2024/

(숙박) 개별 예약

(프로그램)
- 3 courses will run in parallel during the whole event.
- An open session will give participants the opportunity to present their own work in progress in 5 minutes.
- This year's edition of the school will schedule hackathons, where participants will work in teams to tackle several machine learning challenges.

## 6. Applied Harmonic Analysis and Machine Learning(박사과정생 우선 선발)

(장소) Genova, Italy(제노아, 이탈리아)

(일시) 09.02~09.06

(링크) https://malga.unige.it/education/schools/ahaml2024

(숙박) 개별 예약

(프로그램)
- Solving semidefinite programs with low-rank solutions
- Infinite graphs, neural networks and applications to imaging
- Signal models and sampling theorems
- The one-day workshop will feature our two invited speakers, Philipp Grohs and Michael Unser, and contributed talks/posters by our participants (TBA)
- 09.04.(수) 포스터 발표