

# Recent Transformer based architectures for image analysis

*Monday, 20 January 2025 10:00 (60)*

Review of recent Trasformer and beyond architectures that are applicable to machine vision tasks:

- Quick recap of the Transformer model
- Vision Transfromer (ViT)
- Swin Transformer: Hierarchical Vision Transformer using Shifted Windows
- Swin UNETR: Swin Transformers for Semantic Segmentation of Brain Tumors in MRI Images
- Swin-Unet: Unet-like Pure Transformer for Medical Image Segmentation

**Presenter(s) :** Dr KLIMASZEWSKI, Konrad (NCBJ)