

Aim 1: CRFFg Layer -  
Classification task

Dealing with small data  
size

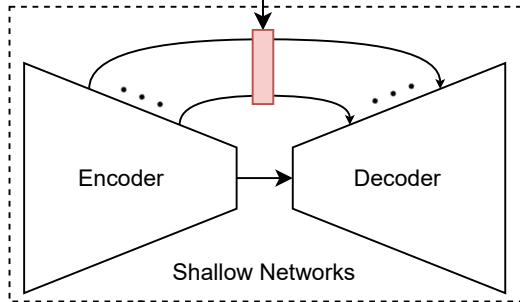
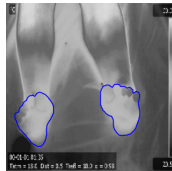
Aim 2: CRFFg + U-Net-  
Like Networks

Enhanced representation  
to code target variability

Medical Image



Semantic Segmentation



Aim 3: Automatic Layer-  
wise Interpretability - SS  
CAMs

Pixel, classes and layer-  
based relevance analysis

$$[w_b^1, w_f^1] \text{ (image)} + [w_b^2, w_f^2] \text{ (image)} + \dots + [w_b^L, w_f^L] \text{ (image)} =$$

