- Task: Pixelwise, instance-level, maybe multi-class

- Difficulties:

    - Object Feature + Spatial Information

    - #Instance unknown

    - Dense objects

Lehrstuhl für
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- Detection + Segmentation

    - Mask R-CNN: The Paradigm

- Semantic based

    - Deep Contour[1], etc.

[1] Chen, H., Qi, X., Yu, L., & Heng, P. A. DCAN: *Deep Contour-Aware Networks for Accurate Gland Segmentation.*

Yuli Wu
Instance Segmentation of Dense Objects via Deep Pixel Embedding