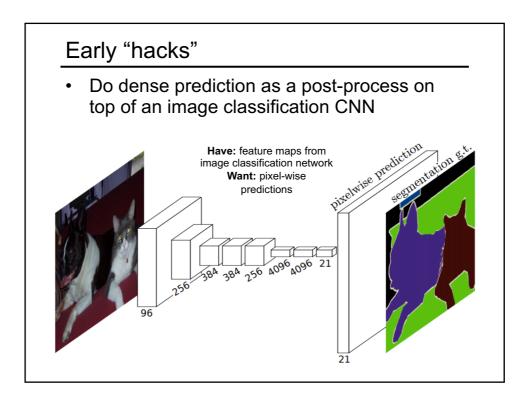
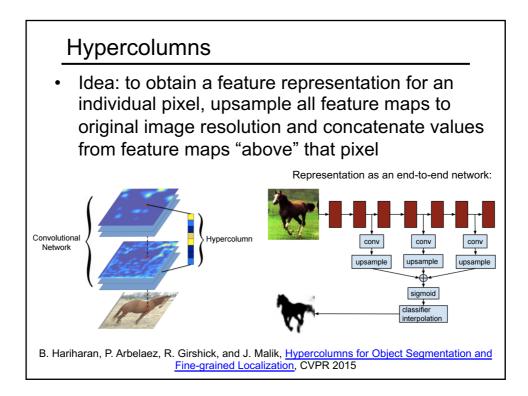
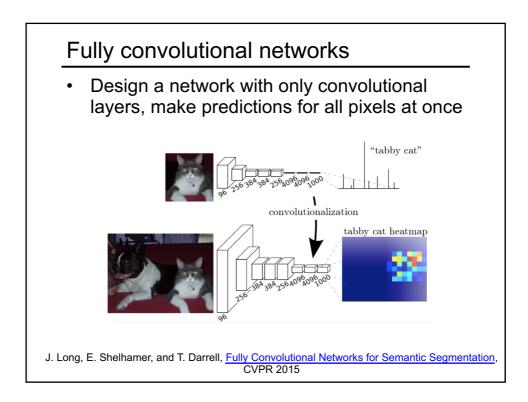
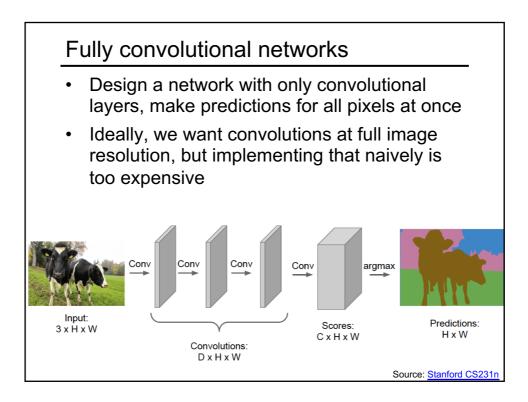


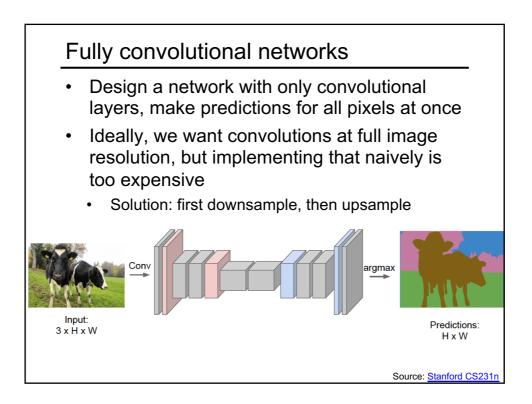
•	arly "hack Hypercolu Zoom-out ully conv Learned u	imns feature /olutic	onal	netw	vorks	5		
• F •	Learned u			netw	vorks	5		
• In •	stance se Mask R-C	egmen	ons					
• 0	ther dens	se prec	dictio	n pro	blem	S		

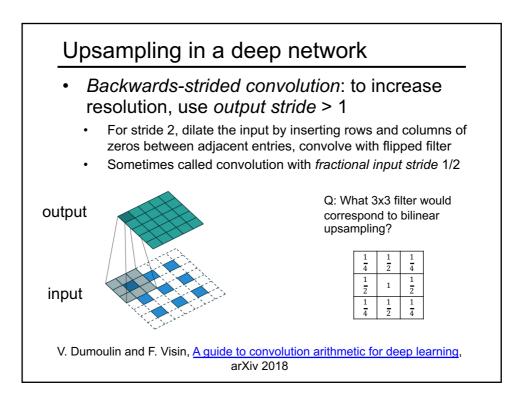


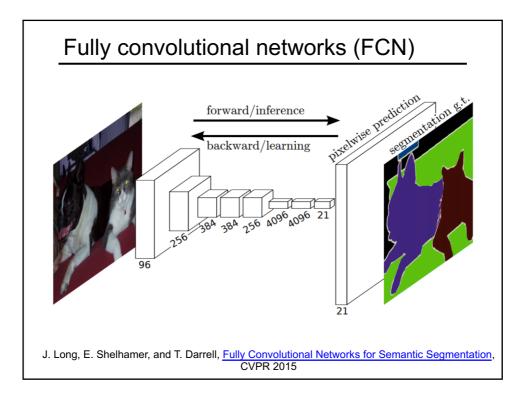


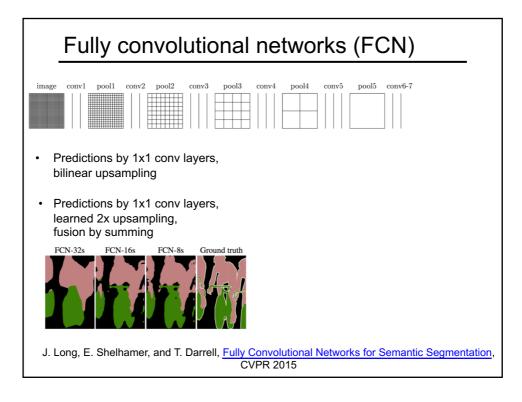


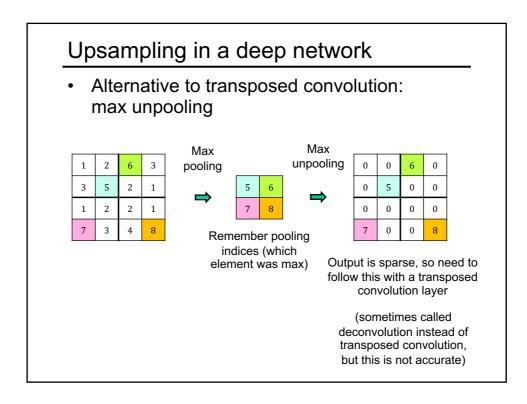


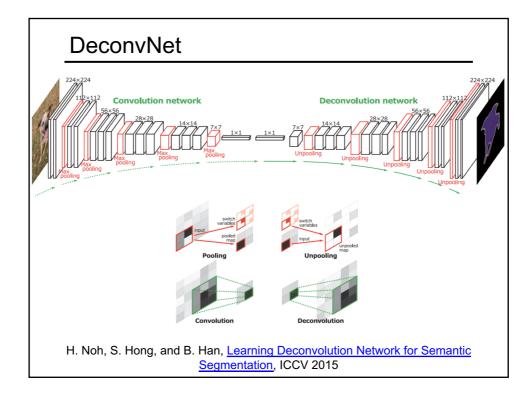


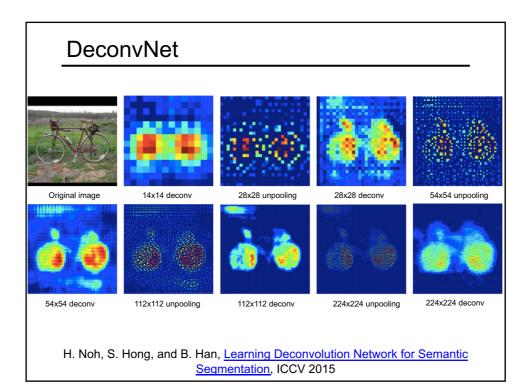




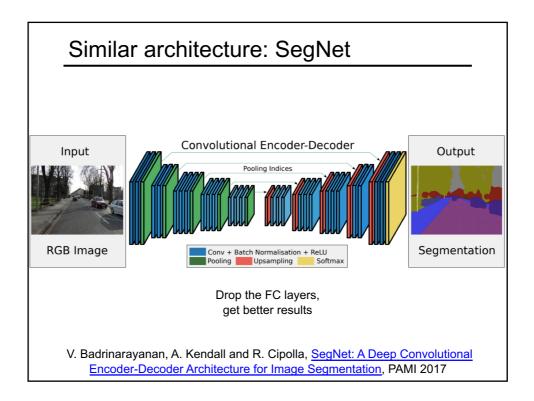


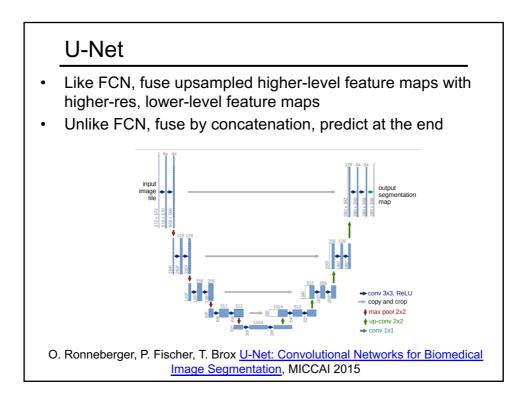


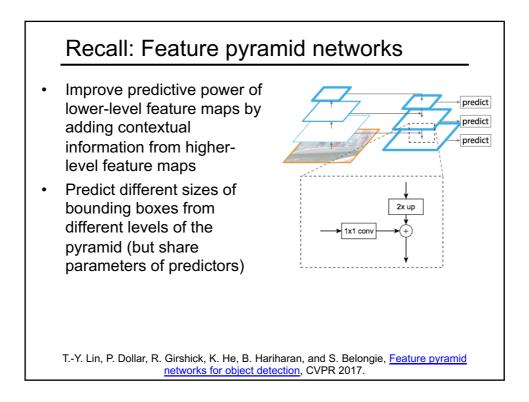


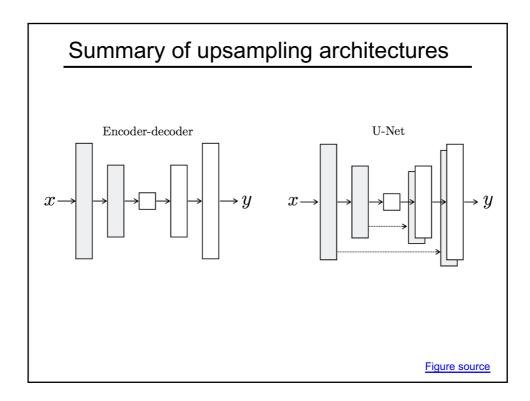


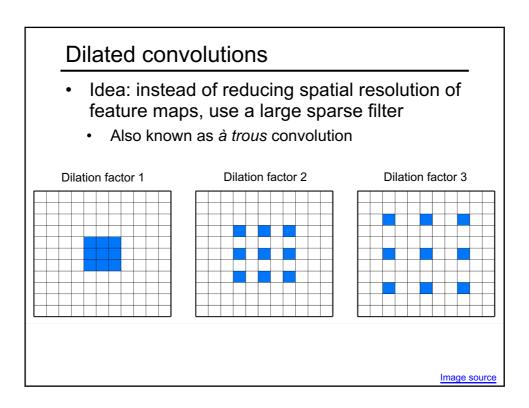
DeconvNet results	
PASCAL VOC 2012	mloU
Hypercolumns	59.2
ZoomOut	64.4
FCN-8	62.2
DeconvNet	69.6
Ensemble of DeconvNet and FCN	71.7

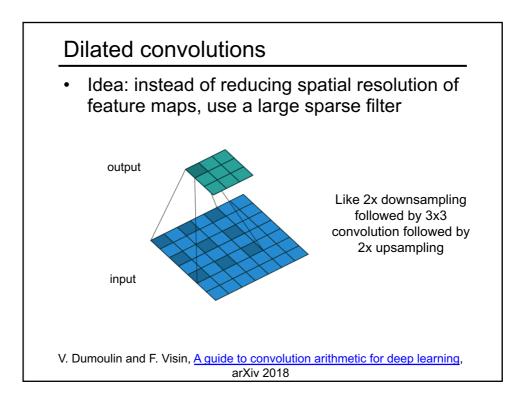


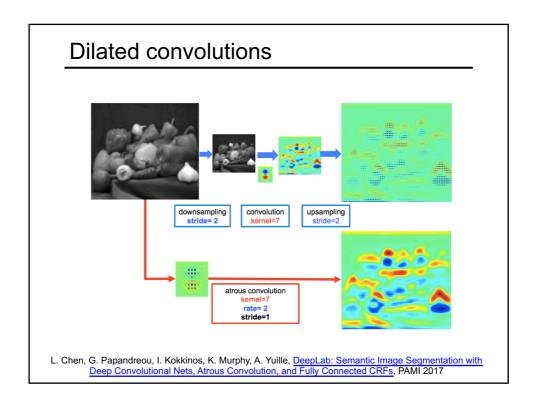


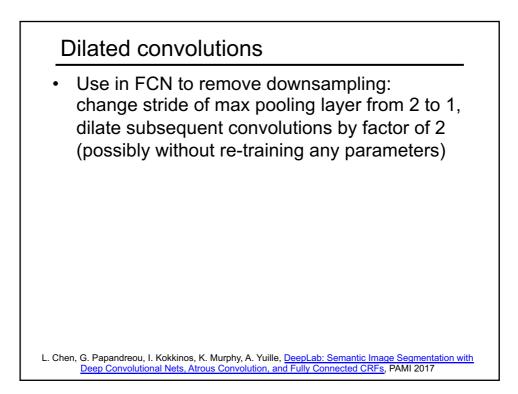


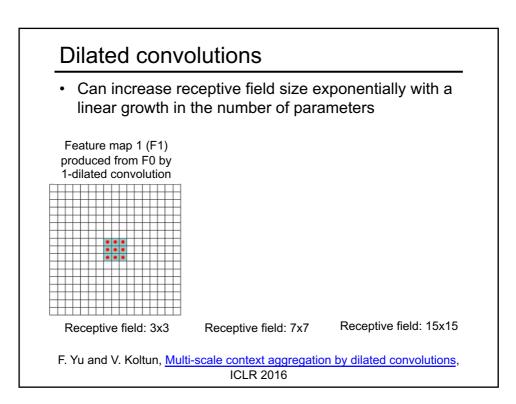


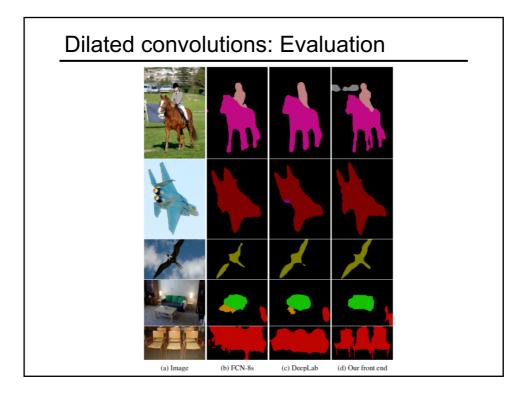


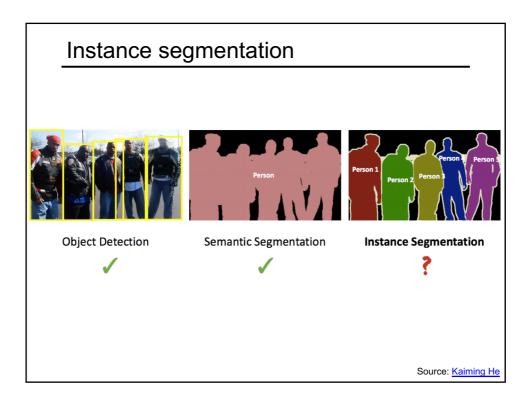


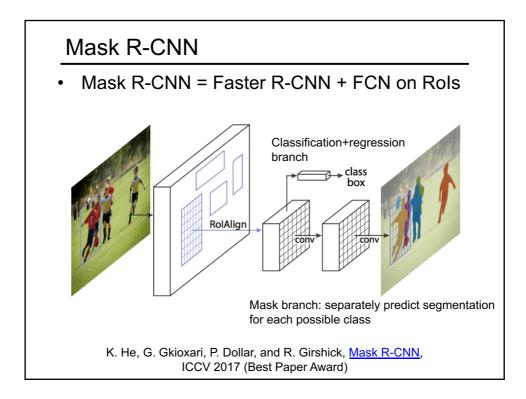


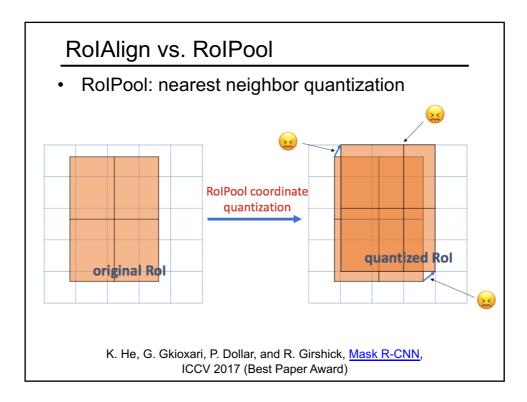


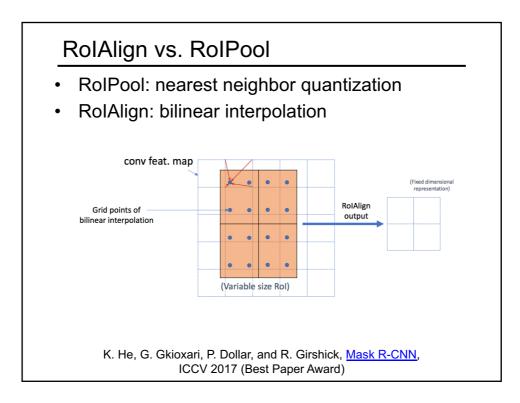


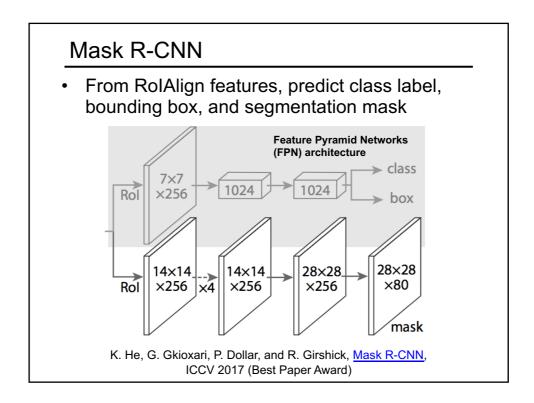


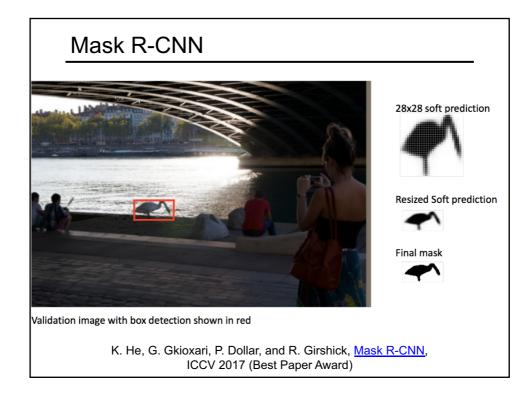


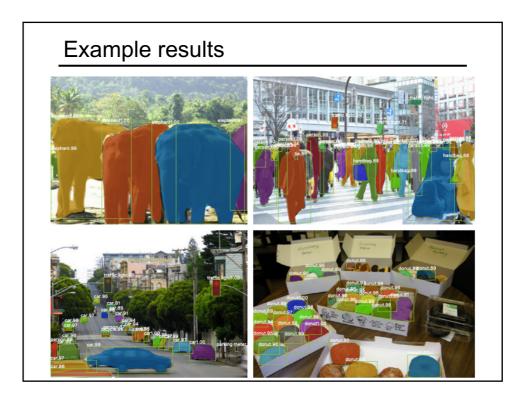


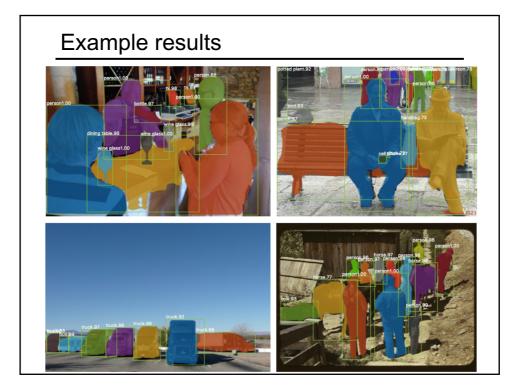












Instance segmentation results on COCO									
	backbone	AP	AP ₅₀	AP ₇₅	APS	AP_M	AP_L		
MNC [10]	ResNet-101-C4	24.6	44.3	24.8	4.7	25.9	43.6		
FCIS [26] +OHEM	ResNet-101-C5-dilated	29.2	49.5	-	7.1	31.3	50.0		
FCIS+++ [26] +OHEM	ResNet-101-C5-dilated	33.6	54.5	-	-	-	-		
Mask R-CNN	ResNet-101-C4	33.1	54.9	34.8	12.1	35.6	51.1		
Mask R-CNN	ResNet-101-FPN	35.7	58.0	37.8	15.5	38.1	52.4		
Mask R-CNN	ResNeXt-101-FPN	37.1	60.0	39.4	16.9	39.9	53.5		
			AP at different IoU thresholds			AP for different size instances			
K Ha C Chieveri D Deller and D Circhiek Maak D CNN									
K. He, G. Gkioxari, P. Dollar, and R. Girshick, <u>Mask R-CNN</u> , ICCV 2017 (Best Paper Award)									

