

# Naming TV Characters by Watching and Analyzing Dialogs

Monica-Laura Haurilet, Makarand Tapaswi, Ziad Al-Halah, Rainer Stiefelhagen

KIT - Computer Vision for Human Computer Interaction Lab



Yes, that's nice,  
**Leonard**.

**Penny** asked me to  
do her a favor.

Sheldon

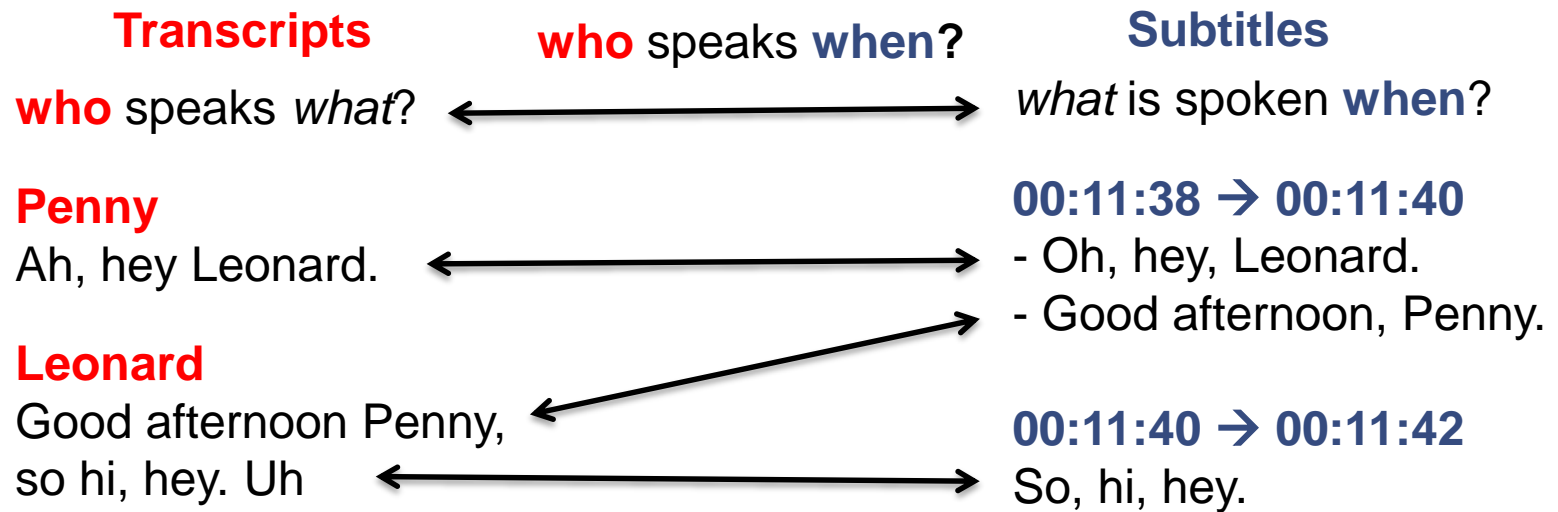
Leonard



We haven't met.  
I'm **Kate**.

Kate

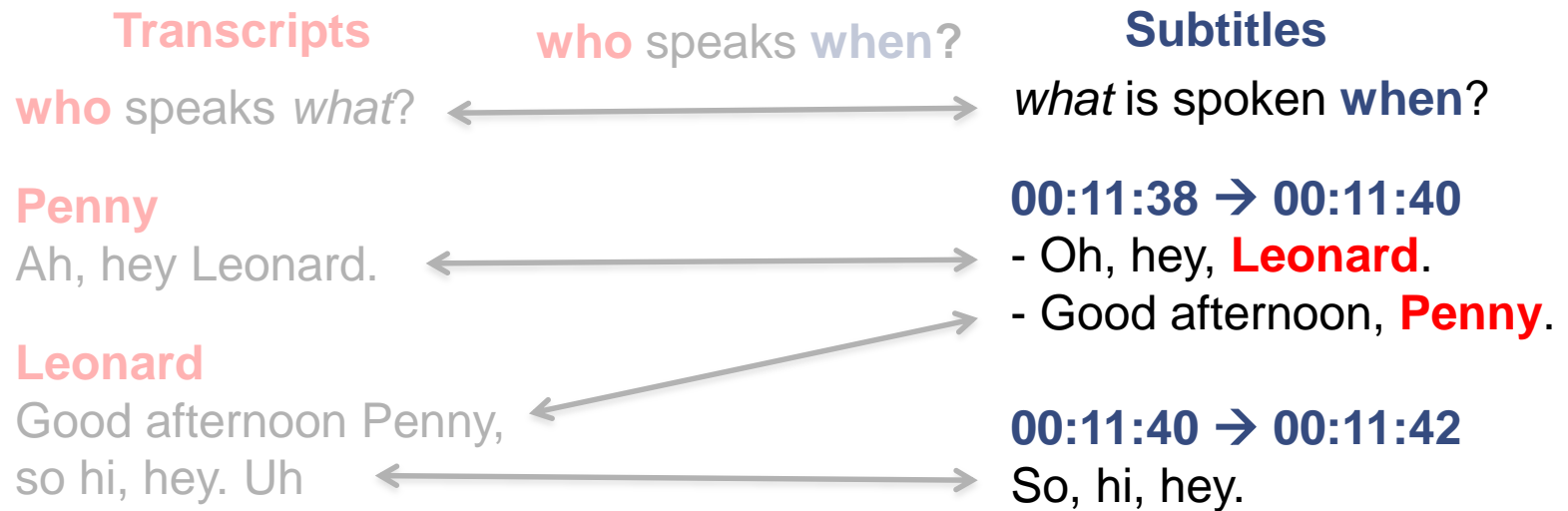
# Person Identification in TV series



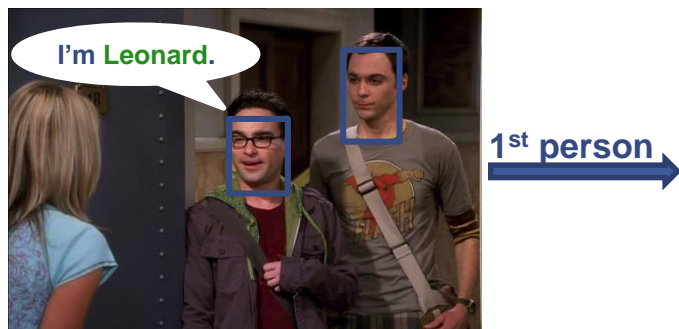
# Person Identification in TV series



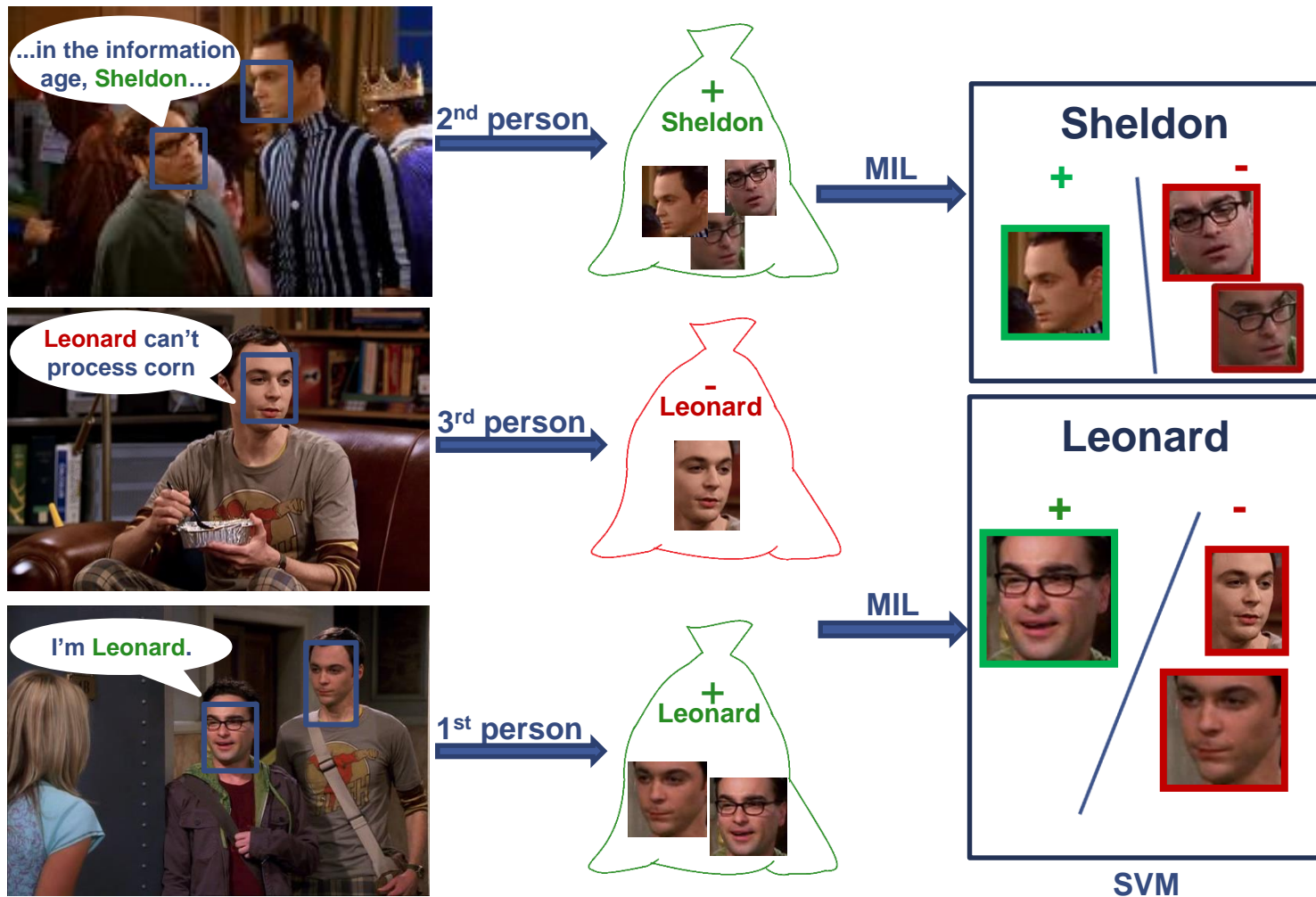
# Person Identification in TV series



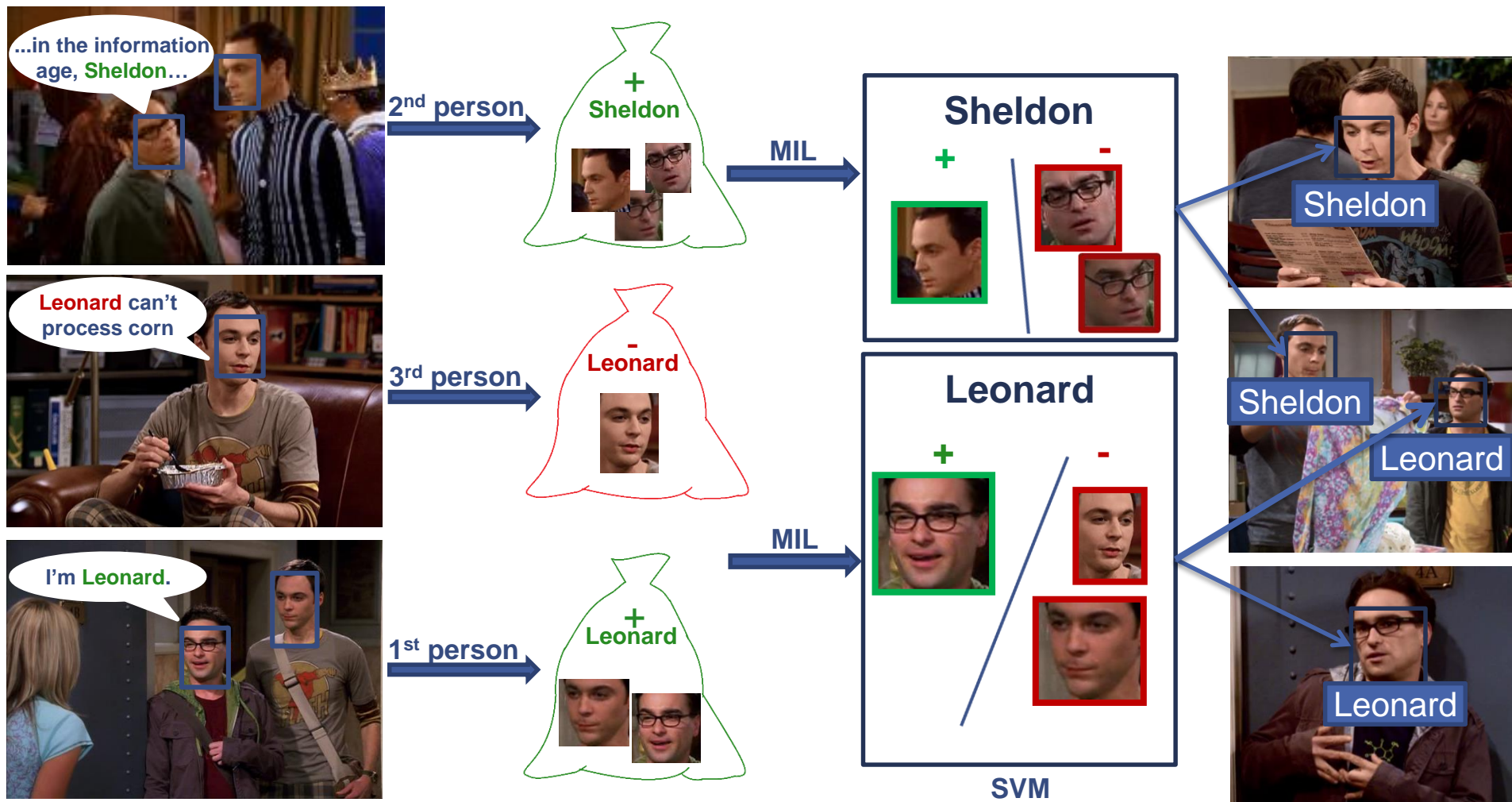
# From Weak Labels to PersonID



# From Weak Labels to PersonID



# From Weak Labels to PersonID



# Evaluation



	Series	% correct	$\rho$ +tracks
<b>Positive</b>	BBT <sup>+</sup>	96.0	0.23
	Buffy <sup>+</sup>	89.5	0.24
	Lost <sup>+</sup>	84.8	0.32
<b>Negative</b>	BBT <sup>-</sup>	46.5	0.11
	Buffy <sup>-</sup>	44.4	0.12
	Lost <sup>-</sup>	70.9	0.06

Series	AP
BBT	98
Buffy	83
Lost	76



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Karlsruhe Institute of Technology, Germany

[haurilet@kit.edu](mailto:haurilet@kit.edu)

