

Input:

Concept mentions
in scientific papers



... **self-driven cars** has
made it increasingly
urgent ...

... navigation for
autonomous vehicles in
real-life traffic ...

... the problem of
sequence tagging ...

We use a **CRF tagger** ...

Output:

Coreference Clusters
+ hierarchy

self-driven
cars,
autonomous
vehicles

computer vision,
AI-based visual
understanding

image synthesis task,
generating images

categorical image
generation,
class-conditional
image synthesis

sequence
tagging

CRF sequence
model, CRF
tagger

Network
Architecture
(Systems)

Network
Architecture
(AI)