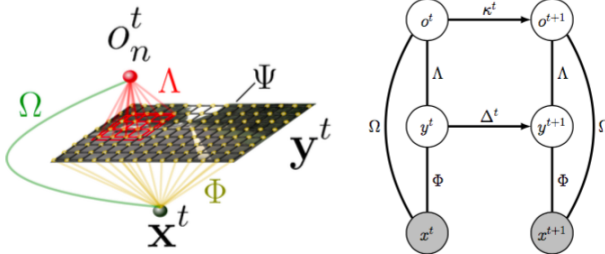# A Dynamic Conditional Random Field Model for Joint Labeling of Object and Scene Classes

C. Wojek, B. Schiele (ECCV 2008)

- ▶ Proposes a novel approach based on conditional random field (CRF) models to integrate both object detection and scene labeling in one framework

- ▶ Contributions:
  - ▶ Formulates the integration as a joint labeling problem of object and scene classes
  - ▶ Systematically integrates dynamic information for the object detection task as well as for the scene labeling task

- ▶ Evaluates on Sowerby database and a new dynamic scenes dataset