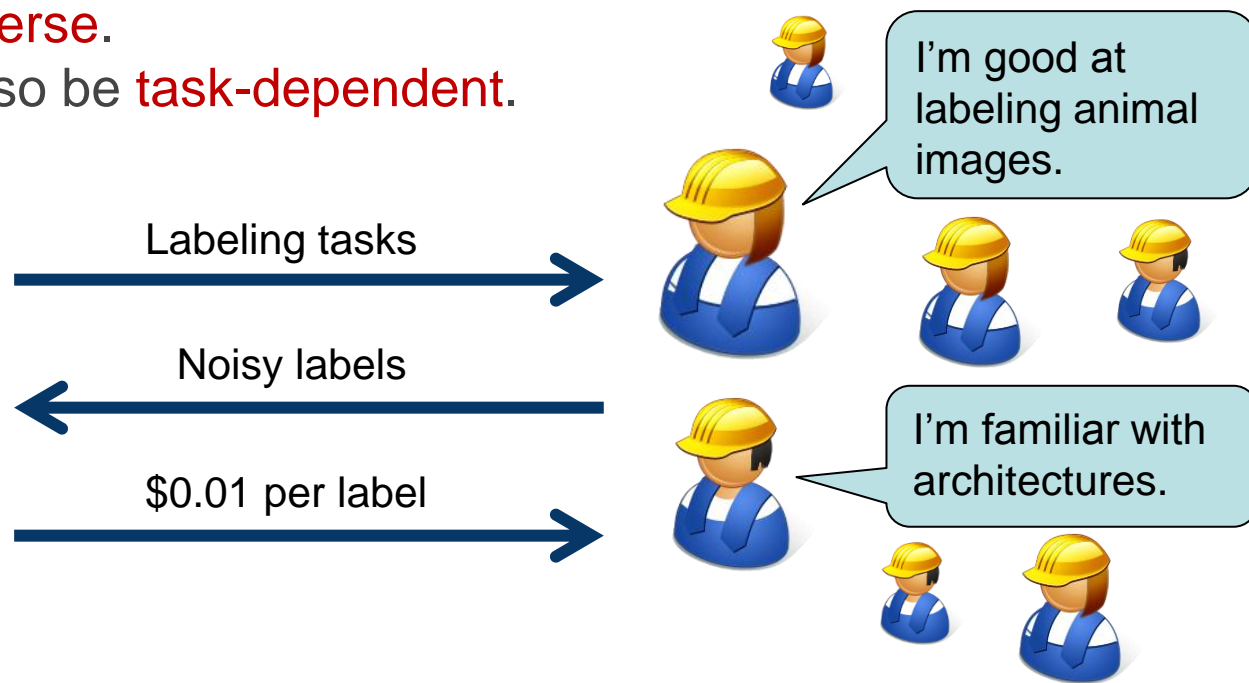


Bandit-Based Task Assignment for Heterogeneous Crowdsourcing

Hao Zhang (Tokyo Tech) and Masashi Sugiyama (UTokyo)

Heterogeneous crowdsourcing:

- labeling tasks may be **diverse**.
- workers' reliability may also be **task-dependent**.



We propose a **bandit-based** task assignment strategy (**BBTA**) for heterogeneous crowdsourcing to deal with the **trade-off** in worker selection.