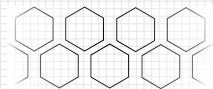


# OPEN PROBLEMS IN CROWDSOURCING

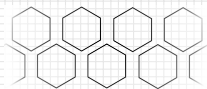


Tasks

# OPEN PROBLEMS IN CROWDSOURCING

## – Complexity

Suzuki et al. [21], Kim and Monroy-Hernández [9], Yuan et al. [24], Yu, Kittur, and Kraut [23], Nebeling et al. [15], and Hahn et al. [5]



Complexity

Tasks

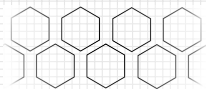
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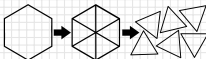
Complexity



Tasks

## – Decomposition

Celis et al. [2], Lykourantzou et al. [13], Law et al. [10], Chang, Kittur, and Hahn [3], and Newell and Ruths [16]

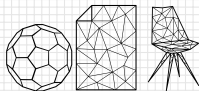


Decomposition

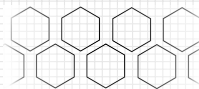
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Suzuki et al. [21], Kim and Monroy-Hernández [9], Yuan et al. [24], Yu, Kittur, and Kraut [23], Nebeling et al. [15], and Hahn et al. [5]



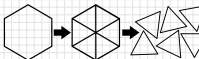
Complexity



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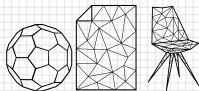


Decomposition

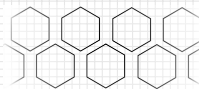
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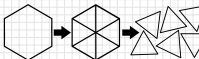
Complexity



Tasks

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Celis et al. [2], Lykourantzou et al. [13], Law et al. [10], Chang, Kittur, and Hahn [3], and Newell and Ruths [16]



Decomposition

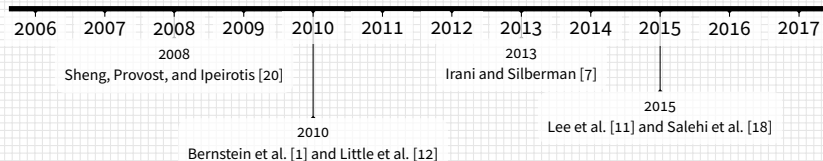
## – Relationships

Irani and Silberman [7, 6], Gray et al. [4], McInnis et al. [14], Salehi et al. [18], and Lee et al. [11]

**WHAT IS THE FUTURE OF WORK?**

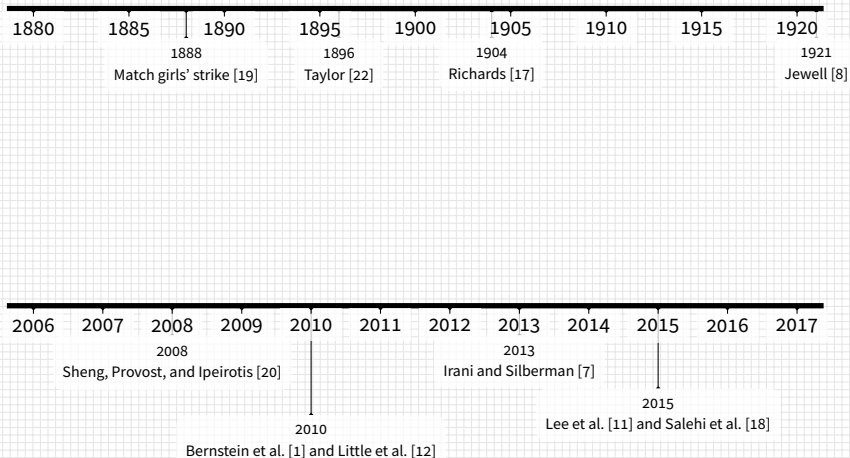
# WHAT IS THE FUTURE OF WORK?

# A TIMELINE OF CROWDSOURCING





# A TIMELINE OF CROWDSOURCING



## INTRODUCTION

We hope to provide:

- A useful ontological lens for making sense of crowdsourcing and gig work (which we collectively call “*on-demand work*”) as a resurgence of *piecework*.
- A method for making sense of contemporary phenomena through *historical analysis*.