

# Stanford

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## Vasilis Syrgkanis

Assistant Professor of Management Science and Engineering and, by courtesy, of Computer Science and Electrical Engineering

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### Bio

#### ACADEMIC APPOINTMENTS

- Assistant Professor, Management Science and Engineering
- Assistant Professor (By courtesy), Electrical Engineering
- Member, Institute for Computational and Mathematical Engineering (ICME)

#### LINKS

- Personal page: <https://vsyrgkanis.com>

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### Teaching

#### COURSES

##### 2025-26

- Applied Causal Inference with Machine Learning and AI: MS&E 228 (Win)
- Foundations of Causal Machine Learning: CS 328 (Win)
- Foundations of Causal Machine Learning: MS&E 328 (Win)
- Game Theory, Data Science and AI: MS&E 233 (Spr)

##### 2024-25

- Applied Causal Inference with Machine Learning and AI: MS&E 228 (Win)
- Foundations of Causal Machine Learning: CS 328 (Aut)
- Foundations of Causal Machine Learning: MS&E 328 (Aut)
- Game Theory, Data Science and AI: MS&E 233 (Spr)

##### 2023-24

- Applied Causal Inference with Machine Learning and AI: CS 288, MS&E 228 (Win)
- Foundations of Causal Machine Learning: CS 328 (Aut)
- Foundations of Causal Machine Learning: MS&E 328 (Aut)
- Game Theory, Data Science and AI: MS&E 233 (Spr)

##### 2022-23

- Applied Causal Inference with Machine Learning and AI: MS&E 228 (Win)
- Foundations of Causal Machine Learning: CS 328 (Spr)

- Foundations of Causal Machine Learning: MS&E 328 (Spr)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Junting Duan

### Postdoctoral Faculty Sponsor

Justin Whitehouse

### Doctoral Dissertation Advisor (AC)

Jikai Jin, Hui Lan, Shiangyi Lin, Jiyuan Tan, Keertana Veeramony Chidambaram

### Master's Program Advisor

Chenhao Ge, Kriti Maloo, Chao Wang

### Doctoral Dissertation Co-Advisor (AC)

Ravi Sojitra

### Doctoral (Program)

Ayush Sawarni

## Publications

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### PUBLICATIONS

- **The Price of Anarchy in Auctions** *JOURNAL OF ARTIFICIAL INTELLIGENCE RESEARCH*  
Roughgarden, T., Syrgkanis, V., Tardos, E.  
2017; 59: 59–101
- **The Price of Anarchy in Large Games**  
Feldman, M., Immorlica, N., Lucier, B., Roughgarden, T., Syrgkanis, V.  
edited by Wicks, D., Mansour, Y.  
ASSOC COMPUTING MACHINERY.2016: 963-976