

Optiver 

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Transistor Trades: Surfing the Silicon Surge



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Jan Stratmann

- Born in Bavaria
- Been with Optiver for 2 years
- Making prices go vrrrooom



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Enough about me..

Let's play a game!



How much would you be willing to pay for this sweater?

Please politely shout your answer



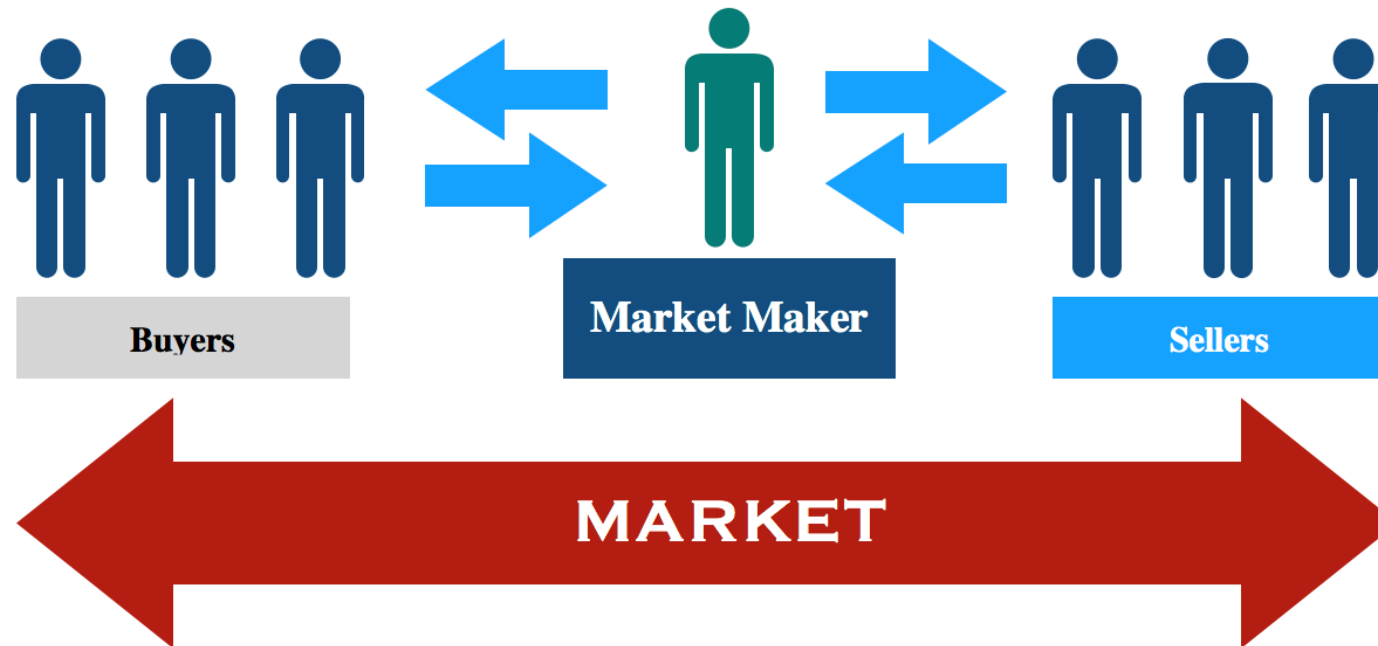
Loads of different opinions and prices...How can we solve this problem?

By establishing a **fair price**






# This is what we do at Optiver



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## Our challenge today

- Become a **market maker** for the next 36h
- Trade algorithmically using our **simulated exchange**
- **Live results** on how your team is doing 





## Leaderboard ?

Rank	Teams	PnL	Hourly PnL	Hourly Sharpe	Position	Delta
1	team-010	39,274.30	575.00	0.08	500	500.00
2	team-020	29,828.00	437.80	0.08	405	405.00
3	team-009	18,203.60	413.70	0.07	180	180.00
4	team-011	7,419.30	358.20	0.07	199	199.00
5	team-002	6,880.50	213.00	0.07	88	88.00
6	team-006	-203.20	-47.80	-0.05	-2	-2.00
7	team-008	-478.30	0.10	0.00	-5	-5.00
8	team-003	-786.00	-18.00	-0.07	-10	-10.00
9	team-004	-919.80	-338.50	-0.06	-27	-27.00
10	team-001	-1,904.80	307.60	0.05	-1	-1.00
11	team-007	-2,703.50	-56.50	-0.08	-35	-35.00
12	team-012	-8,641.30	-369.40	-0.06	-107	-107.00

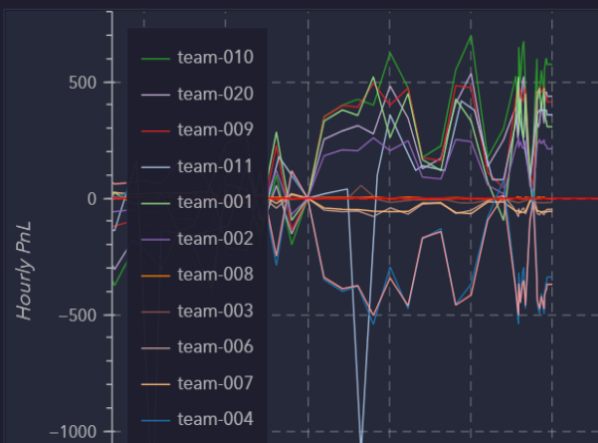
## Instrument Overview ?

Instrument	# Bid	Best Bid	Best Ask	# Ask	Last Traded Price
PHILIPS_A	250	182.70	184.10	250	184.00
PHILIPS_B	150	182.40	183.10	350	182.90

## Total PnL ?



## Hourly PnL ?



## Trade Ticker ?

Time	Instrument	Price	Volume	Aggressor	Buyer	Seller
14:14:52	PHILIPS_B	182.90	8	buyer	bot-05	bot-02
14:14:40	PHILIPS_A	184.00	5	buyer	bot-05	bot-04
14:14:37	PHILIPS_B	182.90	5	buyer	bot-05	bot-02
14:14:31	PHILIPS_B	182.70	25	buyer	bot-06	bot-02
14:14:30	PHILIPS_B	182.30	5	seller	bot-03	bot-05
14:14:28	PHILIPS_B	182.70	25	buyer	bot-06	bot-02
14:14:20	PHILIPS_A	184.10	5	buyer	bot-05	bot-04
14:14:19	PHILIPS_B	182.70	25	buyer	bot-06	bot-02
14:14:13	PHILIPS_A	184.10	5	buyer	bot-05	bot-04
14:14:08	PHILIPS_B	182.30	5	seller	bot-03	bot-05



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## Some more details

- **Market-make** the latest **Tech ETFs**
- Identify and trade on international **arbitrage** opportunities
- **Level-up** your finance skills
- **Compete** against other teams



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Sounds interesting?

Come to our workshop to get an in depth explanation of the challenge !

We will hand out sweaters as well 😊

Workshop room:

00.07.011

00.07.014

