



World Economics Cup

WEC 2023

"The Way to Recovery and Revival"



WEC 2023

WEC 2023, a global celebration of economic knowledge, reached its pinnacle on October 14, 2023, with the International Final. The finest minds from each continent, selected from a pool of 2284 students spanning 50 countries, came together to compete and represent their nations and regions.

Competitors won both individual and team awards at the WEC 2023.

Individual Awards

World Gold, Silver and Bronze awards are given to TOP 5%, TOP 5%-TOP 20%, TOP 20%-TOP 40% of competitors respectively based on their aggregated scores on "Fundamentals" (individual score), "Deep Comprehension" (individual score) and "Thinking and Innovation" (team score).

Team Awards

World Gold (Top 10), Silver (Top 20), Bronze (Top 30) Awards will be awarded to the participating school teams in a tiered scheme based on their team average of individual aggregated scores. The specific rankings of Global Top 10 school teams will also be announced and recognized.

The names of global top 10 school teams on "Thinking and Innovation" will be announced as well and the winning teams will receive special certificates on this module.

All the competitors will get certificates of participation from WEC.

For environmental protection and easy access, all certificates of WEC 2023 will be e-certificates. Competitors can access their certificates through a web link and could choose to print the certificate directly or download the certificate as a PDF file.

WEC 2023 by the Numbers

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5

Continentals

50

Participating Countries and Regions 421

Participating Teams 2284

Competitors



Armenia



Austria



Azerbaijan



Bangladesh



Brazil



Cambodia



Canada



China



Colombia



Egypt



Fiji/ South Pacific



Finland



France



Germany



Ghana



Hong Kong, China



India



Indonesia



Italy



Japan



Kazakhstan



Laos



Latvia



Malaysia



Mexio



Monaco



Nepal



New Zealand



Nigeria



Norway



Pakistan



Panama



Poland



Portugal



Romania



Russia



Saudi Arabia



Singapore



South Korea



Sweden



Switzerland



Thailand



the Philippiens



Turkey



UAE



Uganda



UK



United States



Vietnam



Zimbabwe



WEC 2023 Online Experience

The WEC 2023 Week online experience was a dynamic and intensive journey that brought together the finest economic minds. Finalist teams, representing their countries and regions, engaged in a diverse range of activities throughout the week. These activities were designed to test their economic knowledge, foster deep comprehension, and apply their skills to real-world challenges.

During the WEC Week, participants completed five objective tests to evaluate their economics fundamentals and deep comprehension, complemented by four insightful online lectures delivered by expert professors. The pinnacle of the WEC Week experience lay in the real-world problem-solving challenge. Participants were tasked with applying their economics knowledge to address critical issues within a tight 24-hour timeframe.

Insights from the model

• There are winners and losers from migration



- · Overall, migration is welfare improving
 - · Why? Because it moves workers from low to high productivity areas
- Model makes two simplifying assumptions:
 - 1. Immigration does not change labor demand
 - 2. Immigrants and natives are perfect substitutes

How do co

Rational belief

A and B are rational. Moreover, A knows that B is rational. How can we use this assumption?

Country B

Country A $q_A = \text{High}$ $q_B = \text{Low}$ $q_B = \text{High}$ $q_A = \text{High}$ q_A

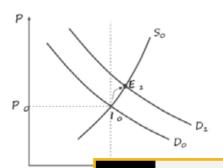
- B still has a dominant strategy which is to always choose High.
- Since A knows that B is rational, it is correct for A to believe that B will choose High.
- · Therefore: A will choose Low.







Comparative Statics



Comparative statics studies how an equilibrium changes when one of its causal determinants changes exogenously.

We study how the market equilibrium changes when the income of the population increases, assuming that the good in question is normal.

We cannot say what path the market will take from E_0 to E_1

The drainage tract model

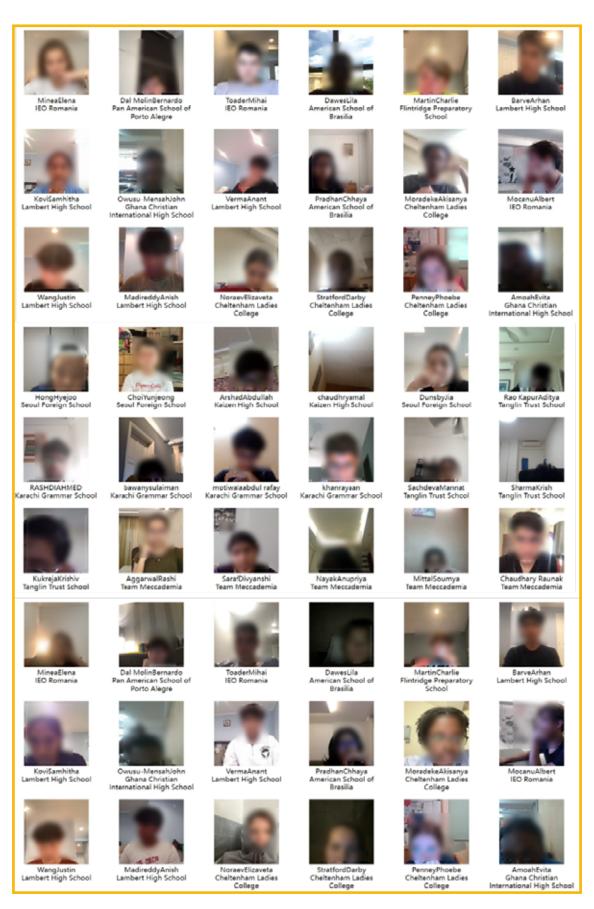
The model. The drainage tract model is due to Wilson (1967):

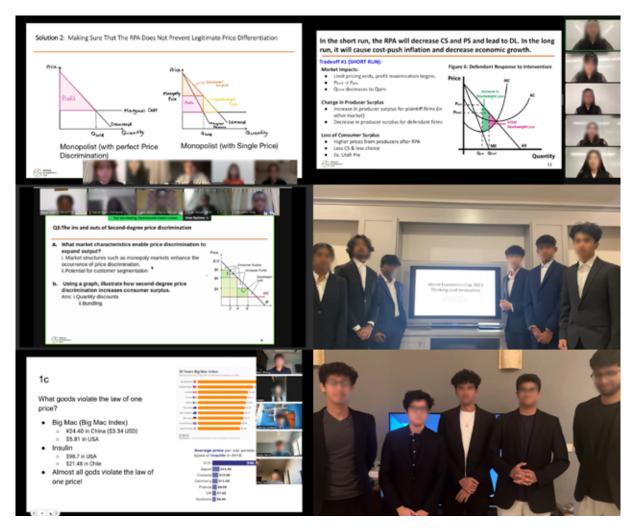
- There are two bidders, a neighbor, developing an oil tract adjacent to the drainage tract, and a non-neighbor.
- The neighbor drills an offset control well; information translate into a random signal X.
 The neighbor deduces the value H = E[V|X].
- The non-neighbor exclusively relies on public information;
 only knows the distribution of H: F(h) = Prob[H ≤ h].

First-price auction. The bidders submit sealed bids. The bidder submitting the highest bid exceeding the reserve price *R* gains the right to extract oil and pays the amount bid.

*Deep Comprehension Online Lectures







*Participants prepared the Thinking and Innovation and submitted the video within 24 hours.



Distinguished Lecturers

WEC 2023 was enriched by the invaluable contributions of four renowned lecturers who shared their expertise and insights with our participants. Each lecturer brought a unique perspective to the world of economics, making the event a truly enriching experience.

We express our heartfelt appreciation to these esteemed scholars for their dedication to education and their willingness to impart their knowledge to the next generation of economists.



Christopher SandmannProfessor of Economics, London School of Economics



Santiago P'erez
Professor of Economics, UC Davis



Jose Miguel Abito
Professor of Economics, Ohio State University



Sebastian GalianiProfessor of Economics, University of Maryland

WEC 2023 Winners

Team Awards Top 10 Team (Team Average Performance)

Ranking	Country/Region	School	Average Score
1	Pakistan	Kaizen High School - Team 3	533.33
2	United States	Lambert High School - Team 1	526.5
3	Singapore	Tanglin Trust School - Team 1 521	
4	South Korea	Seoul Foreign School - Team 1	504.6
5	Pakistan	Karachi Grammar School - Team 2	488.8
6	Romania	Cambridge School of Bucharest	487.8
		International British School of Bucharest	
		International School of Bucharest	
7	Romania	British School of Bucharest	465.5
		Cambridge School of Bucharest	
8	UK	Cheltenham Ladies College - Team 1 463.8	
9	UK	The Skinners'School - Team 1 411.5	
10	Ghana	Ghana Christian International High School - Team 3	408.2

Top 10 Thinking and Innovation Team

Ranking	Country/Region	School	Score
1	Romania	Cambridge School of Bucharest	128
		International British School of Bucharest	
		International School of Bucharest	
2	South Korea	Seoul Foreign School - Team 1	126
3	Ghana	Ghana Christian International High School - Team 3	125
3	Romania	British School of Bucharest	125
		Cambridge School of Bucharest	125
3	Singapore	Tanglin Trust School - Team 1	
6	UK	Cheltenham Ladies College - Team 1	124
7	United States	Flintridge Preparatory School - Team 1	123
7	Pakistan	Kaizen High School - Team 3	123
7	United States	Lambert High School - Team 1 123	
7	UK	The Skinners'School - Team 1	123

Individual Awards Economics (Aggregated) Top 30

Ranking	Country/Region	Name	School	Score	Award
1	Singapore	Krishiv Kukreja	Tanglin Trust School	570	Gold
2	South Korea	Garvin Kim	Seoul Foreign School	545	Gold
3	United States	Neal Karani	Lambert High School	544	Gold
4	Pakistan	Ali Raza	Kaizen High School	538	Gold
5	Pakistan	abdullah arshad	Kaizen High School	536	Gold
5	Singapore	Aditya Rao Kapur	Tanglin Trust School	536	Gold
7	South Korea	Hyejoo Hong	Seoul Foreign School	535	Gold
8	Pakistan	Muhammad Abdullah	Kaizen High School	534	Gold
8	Pakistan	amal chaudhry	Kaizen High School	534	Gold
10	Pakistan	aimal noor	Kaizen High School	530	Silver
10	United States	Justin Wang	Lambert High School	530	Silver
10	South Korea	Jia Dunsby	Seoul Foreign School	530	Silver
13	Pakistan	haider nafees	Kaizen High School	528	Silver
14	United States	Anant Verma	Lambert High School	524	Silver
15	United States	Anish Madireddy	Lambert High School	523	Silver
16	United States	Arhan Barve	Lambert High School	522	Silver
17	United States	Samhitha Kovi	Lambert High School	516	Silver
18	Singapore	Krish Sharma	Tanglin Trust School	512	Silver
19	Romania	Maria Timbolschi	International British School of Bucharest	500	Silver
20	Romania	Andrei Anghel	Cambridge School of Bucharest	498	Silver
21	Romania	Nora Veseliu	Cambridge School of Bucharest	495	Silver
22	South Korea	Yunjeong Choi	Seoul Foreign School	493	Silver
23	Pakistan	rayaan khan	Karachi Grammar School	491	Silver
23	UK	Ben Truscott	The Skinners'School	491	Silver
25	Pakistan	AHMED RASHDI	Karachi Grammar School	490	Silver
26	Pakistan	HAMZA MINHAJ	Karachi Grammar School	489	Silver
27	Pakistan	abdul rafay motiwala	Karachi Grammar School	488	Silver
27	Romania	Mihai Toader	British School of Bucharest	488	Silver
29	Romania	Tania Florea	Cambridge School of Bucharest	487	Silver
30	Pakistan	sulaiman bawany	Karachi Grammar School	486	Silver
30	Romania	Mihnea George Dragulin	International School of Bucharest	486	Silver

Fundamentals TOP 30

Ranking	Country/Region	Name	School	Score
1	South Korea	Garvin Kim	Seoul Foreign School	99
1	Pakistan	Ali Raza	Kaizen High School	99
1	Pakistan	abdullah arshad	Kaizen High School	99
1	South Korea	Hyejoo Hong	Seoul Foreign School	99
1	Pakistan	Muhammad Abdullah	Kaizen High School	99
1	Pakistan	amal chaudhry	Kaizen High School	99
1	Pakistan	aimal noor	Kaizen High School	99
1	Pakistan	haider nafees	Kaizen High School	99
1	Singapore	Krish Sharma	Tanglin Trust School	99
10	South Korea	Jia Dunsby	Seoul Foreign School	96
11	Romania	Tania Florea	Cambridge School of Bucharest	95
11	South Korea	Seohyun Choi	Seoul Foreign School	95
13	Romania	Nora Veseliu	Cambridge School of Bucharest	94
13	Ghana	Katriel AGYEN-FREMPONG	Ghana Christian International High School	94
15	Singapore	Krishiv Kukreja	Tanglin Trust School	93
15	Singapore	Aditya Rao Kapur	Tanglin Trust School	93
17	United States	Justin Wang	Lambert High School	87
17	Pakistan	AHMED RASHDI	Karachi Grammar School	87
17	Romania	Mihai Toader	British School of Bucharest	87
17	Romania	Elena Minea	Cambridge School of Bucharest	87
21	United States	Anish Madireddy	Lambert High School	86
21	Romania	Maria Timbolschi	International British School of Bucharest	86
21	Pakistan	rayaan khan	Karachi Grammar School	86
21	Pakistan	HAMZA MINHAJ	Karachi Grammar School	86
21	Ghana	Uriel Yeboah Afreh	Ghana Christian International High School	86
26	Pakistan	abdul rafay motiwala	Karachi Grammar School	85
26	Brazil	Changrong Qu	American School of Brasilia	85
26	Ghana	Evita Amoah	Ghana Christian International High School	85
29	UK	Alexander Mainds	The Skinners'School	84
30	United States	Neal Karani	Lambert High School	83
30	United States	Anant Verma	Lambert High School	83
30	South Korea	Yunjeong Choi	Seoul Foreign School	83
30	Pakistan	sulaiman bawany	Karachi Grammar School	83
30	Romania	Albert Mocanu	Cambridge School of Bucharest	83
30	Ghana	John Owusu-Mensah	Ghana Christian International High School	83
30	Ghana	Emmanuella Alale	Ghana Christian International High School	83

Deep Comprehension TOP 30

2	Singapore United States	Krishiv Kukreja	Tanglin Trust School	352
	United States			002
2		Neal Karani	Lambert High School	338
3	South Korea	Garvin Kim	Seoul Foreign School	320
3	United States	Justin Wang	Lambert High School	320
5	Singapore	Aditya Rao Kapur	Tanglin Trust School	318
5	United States	Anant Verma	Lambert High School	318
5	United States	Arhan Barve	Lambert High School	318
8	Pakistan	Ali Raza	Kaizen High School	316
9	Pakistan	abdullah arshad	Kaizen High School	314
9	United States	Anish Madireddy	Lambert High School	314
9	United States	Samhitha Kovi	Lambert High School	314
12	Pakistan	Muhammad Abdullah	Kaizen High School	312
12	Pakistan	amal chaudhry	Kaizen High School	312
14	South Korea	Hyejoo Hong	Seoul Foreign School	310
15	Pakistan	aimal noor	Kaizen High School	308
15	South Korea	Jia Dunsby	Seoul Foreign School	308
17	Pakistan	haider nafees	Kaizen High School	306
18	South Korea	Jessica Shin	Seoul Foreign School	294
19	Romania	Andrei Anghel	Cambridge School of Bucharest	292
20	Singapore	Krish Sharma	Tanglin Trust School	288
21	Romania	Maria Timbolschi	International British School of Bucharest	286
21	UK	Ben Truscott	The Skinners'School	286
23	Pakistan	rayaan khan	Karachi Grammar School	284
23	South Korea	Yunjeong Choi	Seoul Foreign School	284
25	Pakistan	AHMED RASHDI	Karachi Grammar School	282
25	Pakistan	HAMZA MINHAJ	Karachi Grammar School	282
25	Pakistan	abdul rafay motiwala	Karachi Grammar School	282
25	Pakistan	sulaiman bawany	Karachi Grammar School	282
25	UK	Rachel (Ruixi) Zhang	Cheltenham Ladies College	282
30	Romania	Mihnea George Dragulin	International School of Bucharest	278

