

International
Blockchain Olympiad

IBCOL 2021

2021 Europe, Middle East, Africa Open

What is IBCOL?



International
Blockchain Olympiad

INTERNATIONAL BLOCKCHAIN OLYMPIAD

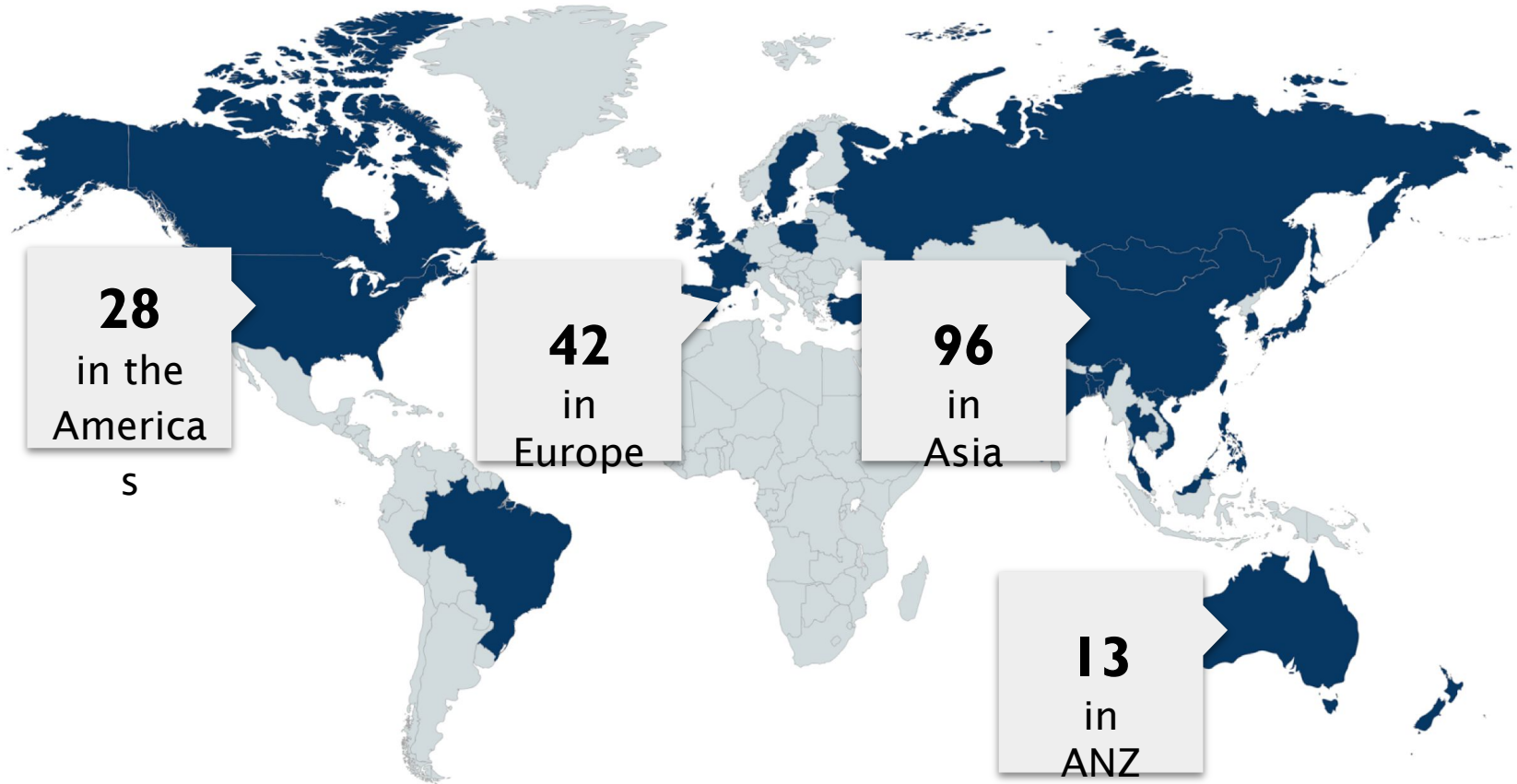
- Propose solutions to real-world challenges using blockchain
- Submit a whitepaper
- Submit a poster and pitch presentation for EMEA Finals (if selected)
- Build prototype (optional)



Global Network of 179 Schools (and growing)



International
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Benefits of a Global Network

1. Provide collaborative opportunities for the students and receive international exposure
2. Work with students from across the world, and showcase their creativity and results on the world stage
3. Facilitate program applications and improve acceptance rates




IBCOL 2019 Top Projects Worldwide



 University of Michigan (1st)




 University of San Carlos (2nd)




 Case Western Reserve University (top medtech)



 University of Toronto (top govtech)




 University of Waterloo (3rd)



 Guangzhou Civil Aviation College (3rd)



 University of Waterloo (top mediatech)

IBCOL 2020 Online Competition



International
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LIVE on Facebook Recording 18:07

Participants in the main video:

- Student 1 (left): Wearing glasses and a grey shirt.
- Student 2 (middle): A woman with dark hair wearing a blue jacket.
- Student 3 (right): A woman with dark hair wearing a white shirt.
- Student 4 (right foreground): A man with glasses wearing a blue shirt and a lanyard that says "IBCOL GRADUATE".

Participants in the sidebar thumbnails:

- Thumbnail 1: Gabriel Chan, with the International Blockchain logo.
- Thumbnail 2: VN-01 BCHAIN NETWORK, featuring a student and text: "BUILDING A BLOCKCHAIN FOUNDATION & DESIGNING TO ENABLE MICROFINANCE TRANSACTIONS IN RURAL AREAS" and "BY FRAMEWORK & DESIGN STRATEGIES AND ALSO A BOLD VISION".
- Thumbnail 3: CP-9596. Thuat Do (VN-01), featuring a student.
- Thumbnail 4: CP-8667 Nicholas Ching (...), featuring a student.
- Thumbnail 5: HK-05 Blockio Tristan, featuring a student.
- Thumbnail 6: CP8724 Thomas Huang, featuring a student.

Bottom left text: ill team-vn-02

IBCOL 2020 Online Competition



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Zoom Meeting

Recording 01:17:57 Speaker View

Participants (91)

Search

HP1494 Yoyo Ng (HK) OP-0001 - Gabriel Ch... CP-1784 - Alec Shaw... CP-4511 - Ishtiaque Z... CP-4489 - Araf Mustav...

CP-1137 - Md. Ataur R... CP-6406 - Jeanille Ven... CP-3677 - RB Angelou... CP-4782 William Wan... CP-2982 - Lehiogonol...

CP-6269 - Ishaan Hiran... CP-5157 - Justin Raz... SP-4103-Tiger Tao-H... CP-7180 - Md Atiqer... CP-7303 - Phurint R...

CP-5179 - Ricsson Ng... HP-6053-Dickey Tang... CP-4511 - Mohammad... CP-8150 . Kamrul H... CP-7217 - Krit Kasikp...

CP-9408 - Mst. Sadia... CP-9953 Sai Pavan Yer... JP-9568 - Bert Bosmia... SP-6565 Janet Sin, Ka... CP-7682 . Khandker T...

Unmute Stop Video Participants 91 Chat Share Screen Record Reactions Leave Invite Unmute Me Raise Hand

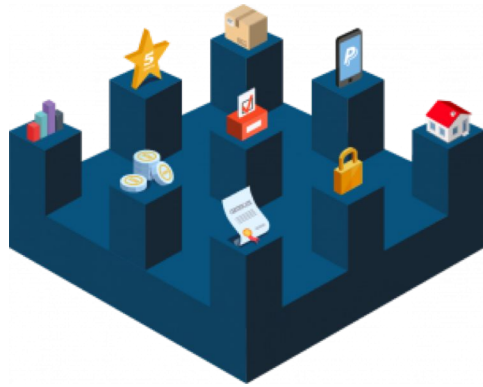
IBCOL 2020 Online Competition



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A screenshot of a Zoom meeting interface. The main video feed shows a man with a beard and mustache wearing a blue t-shirt and a headset, speaking. The top bar shows three other participants: Gabriel Chan, Yoyo Ng (MC), and Sebastiaan Vermeulen. The meeting title is "CP-1366 Etha...". The right sidebar shows a list of 115 participants, including Gabriel Chan (me), International Block... (Host), OP Erica Tam (Co-host), Yoyo Ng (MC) (Co-host), Gerard Nijse, and Sebastiaan Vermeulen. The chat window is open, showing messages from CP-8400, CP-8025, and alecshaw. The bottom toolbar includes buttons for Unmute, Start Video, Participants (115), Chat, Share Screen, Record, Reactions, and Leave. The meeting is marked as "LIVE on Facebook" and "Recording". The time is 22:36.

Why now?



Countless Use Cases

Blockchain will generate over \$3.1 trillion USD by 2030 across industry verticals

Huge Demand for Talent

There is a lack of qualified blockchain professionals around the world

Renewed Interest

While cryptocurrencies waned, business and governments continued to explore

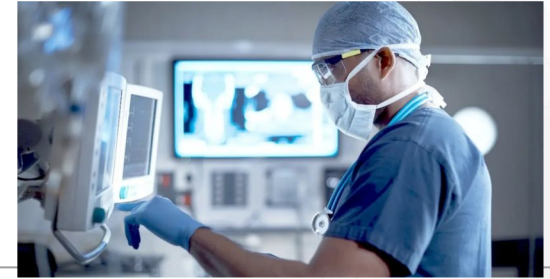
Where to blockchain?



Financial Sector



Public Sector



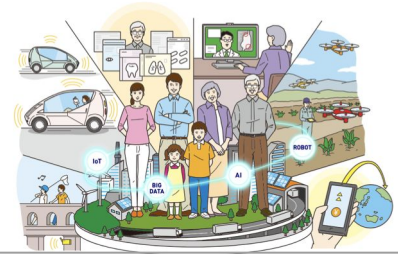
Healthcare Sector



Professional Services



Industry 4.0



Society 5.0

Eligibility



Students of any
discipline may partake



1 to 6 participants can
register into one team



Each team submits
one project

1. **Student:** Any current or recent student may register as a competitor; a recent student would have been a current student until 1 year ago (July 4th, 2020).
2. **No age limit:** A current student is defined as a person of any age that is enrolled in a recognized academic institution.
3. **Returning Participation:** Previous individuals are eligible to compete.

Blockchain Training Program



International
Blockchain Olympiad

TRAIN

Learn from fundamentals to practical levels
Mentored from academic and industry experts

TEST

Evaluate success
and earn a certificate

TRY

Apply knowledge to a
practical team project

TRIAL

Expand horizons by local
and global competition

Blockchain Training Program



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BASIC DESIGN



Fundamental Training

- › Blockchain Promises & Challenges
- › Blockchain Tech — First Principles
- › Blockchain Business & Legal
- › Blockchain Careers & Opportunities



Solution Design

- › Privacy & Identity
- › Asset Tokenization
- › Governance Design
- › Architecture Design

LABS



Hands-On Development

- › Java Programming Basics
- › Blockchain Development – R3 Corda
- › Blockchain Development – HL Fabric
- › Blockchain Development – Algorand

<https://www.ibcol.org>

Blockchain Training Program



Blockdating (Team Building Day)



EMEABCOL 2021 Timeline



Training



September 2020 — April 2021
Interactive Lectures & Tutorials

Blockdating



January 2021
Team Formation

Mentorship



April 2021
Mentor Day

Submission Deadline



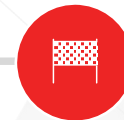
April 2021
Whitepaper

EMEA Finals

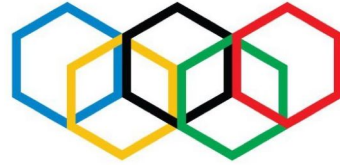


7-11 June 2021
Virtual Poster & Pitch

International Finals



2-4 July 2021
Virtual Poster & Pitch



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