

PRESS RELEASE – steelChallenge-16 World Champions Announcement

13 April 2022 | Brussels, Belgium

The World Steel Association (worldsteel) today announced the new World Champions of the 16th steelChallenge. Ruibin WANG from HBIS Group in China won in the industry category and Qichen LI from Tangshan Vocational College of Science and Technology in China won in the student category.

The World Championship of the 16th steelChallenge took place online on 11 April 2022. The video of the ceremony is [available on YouTube](#).

The competition was held remotely to follow social distancing guidelines from health authorities around the world and due to travel restrictions in some countries.

The 5 winners of the Regional Championship from the industry and student categories competed for the global title. The task was to produce a specific engineering steel grade at the lowest cost using steeluniversity's electric arc furnace and secondary steelmaking courses in a combined simulation. New this year were carbon footprint requirements for the steel grade, included to reflect the steel industry's commitment to reducing the footprint from its operations.

Jorge Muract, Director, steeluniversity for worldsteel, said, "steelChallenge-16 is the most prominent competition in the steel industry but also a learning experience that attracts thousands of students around the world. Congratulations to the World Champions and all of the finalists for their incredible work. All of you are the next generation of steel industry leaders in a complex world where steel accomplishes a crucial role in the sustainability and development of society."

The 2022 World Champion in the industry category, Ruibin WANG said, "I've really enjoyed being part of steelChallenge and gaining more knowledge about steelmaking. This competition attracts a lot of participants and I'm delighted to be the industry World Champion."

Qichen LI, the World Champion in the student category for 2022, said, "steelChallenge is an incredible opportunity to meet people around the world while learning about steelmaking. The World Championship was really hard and I'm very happy to be recognised as the champion in the student category. I encourage other students to join steelChallenge to gain more knowledge about steel in an exciting and engaging way."

The Regional Champions receive the following prizes:

- Certificates for completing the electric arc furnace and secondary steelmaking courses
- Certificate for being Regional Champion
- €500
- An additional €1,000 in lieu of travel to the World Championship
- Recognition by worldsteel and steeluniversity




- Faculty advisors of the student champions also receive a €1,000 teaching award in lieu of travel to the World Championship and a steeluniversity certificate of appreciation

Additionally, the World Champions receive the following prizes:

- €500
- World Champion certificate
- steelChallenge-16 trophy

All registered participants received access to the electric arc furnace and secondary steelmaking courses, including e-learning, 3D interactive models and simulators. Registered participants completing the courses received completion certificates. Also, participants successfully completing a simulation run during steelChallenge-16 received a competition certificate.

The World Championship Finalists were:

Student Category		
Participant	Affiliation	Region
 Blaž ŽERJAV JEREB	University of Ljubljana	Europe and Africa / Slovenia
 Dong-Hyun KIM	Polytechnique Montréal	Americas / Canada
 Amit KUMAR BHUYAN	Shavak Nanavati Technical Institute	Asia – West / India



Qichen LI

Tangshan Vocational College of
Science and Technology

Asia – North / China



Jong-Doeck LIM

Pukyong National University

Asia - East and
Oceania / South
Korea

Industry Category

Participant

Affiliation

Region



Timur SABIROVICH GAISIN

TMK

Europe and Africa /
Russia



Paula Renée DE MACEDO COSTA

Companhia Siderúrgica do Pecém

Americas / Brazil



Krutidipta SAHU

Tata Steel Limited

Asia – West / India



Ruibin WANG

HBIS Group

Asia – North / China



Jingi PYEON

POSCO

Asia - East and Oceania
/ South Korea

More information on steelChallenge is available on the steeluniversity website.

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Notes

- steeluniversity is the education and training programme of the World Steel Association, delivering education and training to current and future employees of steel companies and related businesses.
- steelChallenge-16 was sponsored at the 'Steel' level by HBIS Group and POSCO. Gerdau and JSW were 'Gold' level sponsors. Emirates Steel, KOSA, Tata Steel Ltd., Ternium and Tenaris were 'Silver' level sponsors. JFE Steel and TMK were 'Bronze' level sponsors.
- The World Steel Association (worldsteel) is one of the largest and most dynamic industry associations in the world, with members in every major steel-producing country. worldsteel represents steel producers, national and regional steel industry associations, and steel research institutes. Members represent around 85% of global steel production.