

steeluniversity

# steelChallenge-21



Join the Learning  
Experience that is shaping  
the future of steelmaking.

# steelChallenge-21



## Overview

Welcome to **steelChallenge-21**, the global learning competition that empowers students and young professionals to explore the future of steelmaking.

Since 2005, thousands of participants from around the world have joined **steelChallenge** to test their skills, learn through realistic steelmaking simulations, and showcase their talent on an international stage. With **more than 30,000 participants** to date, **steelChallenge** has become one of **steeluniversity's** flagship initiatives for developing future talent in the steel industry.

Participants use advanced steelmaking simulators, explore interactive learning resources, and take part in specialised activities provided by **steeluniversity**. This experience helps **build practical knowledge, confidence, and visibility** — whether you are preparing for your first opportunity in the industry or looking to grow as a young professional.

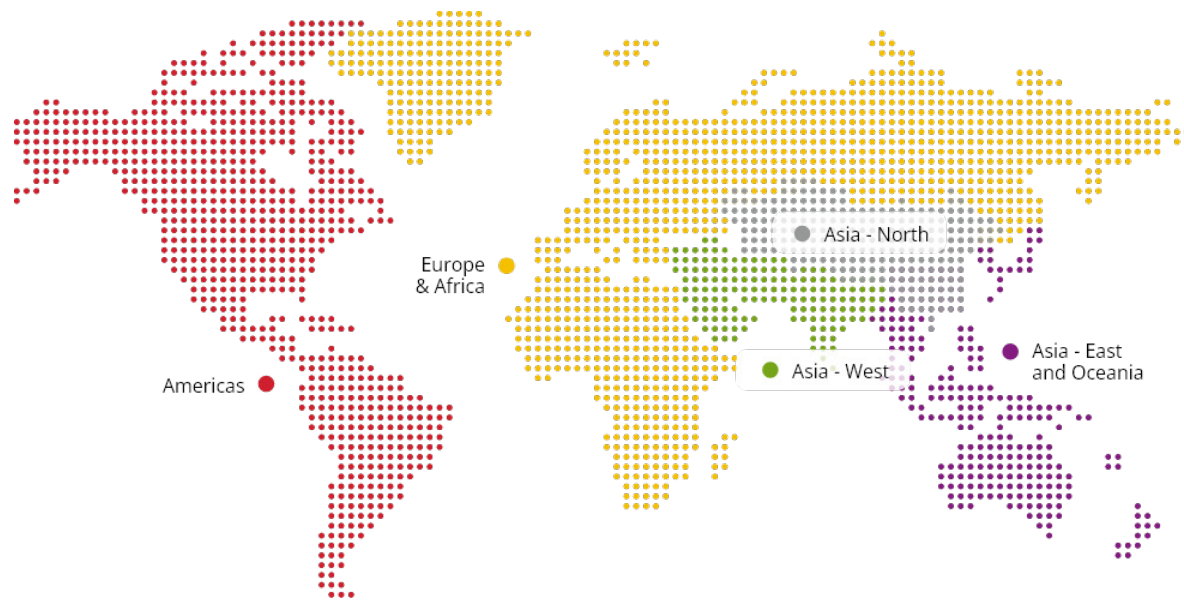
In **steelChallenge-21**, you will compete in a dynamic global challenge, working to produce steel that meets strict performance, cost, and environmental targets.

**Join steelChallenge-21** and take the next step in your learning journey. Build your skills. Expand your network. Earn recognition.

**Be a part of the future of steelmaking.**

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**steeluniversity**



- 5** Regions
- 2** Rounds
- 3** Categories

# The Challenge

steelChallenge-21 will take place in two rounds. The Regional Championship will be held on **17 November 2026**, beginning at 12:00 UTC. Participants will have to complete successful runs using steeluniversity's steelmaking simulators. **Top performers in eligible categories** will progress to the **World Championship**.

## Objectives

<p><b>Attract</b> Inspire future talent to discover the opportunities of the steel industry.</p>	<p><b>Develop</b> Build practical skills through realistic steelmaking simulations and learning resources.</p>	<p><b>Collaborate</b> Strengthen links between students, educators, companies and industry leaders.</p>
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## Participants

<p>University Student</p>	<p>Industry</p>	<p>High school Student</p>
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The challenge is open to individual participants in **three categories**: **University Student** for undergraduate and postgraduate students, **Industry** for young professionals already in or connected to the steel ecosystem, and **High School Student** for younger learners exploring steelmaking, science, technology, and future career pathways.

Participants compete in one of five regions: **Americas, Europe & Africa, Asia West, Asia North, & Asia East & Oceania.**

## Simulators

Participants use our **Electric Arc Furnace** and **Secondary Steelmaking** simulators to produce steel and meet targets across **quality, cost and environmental performance.**

The top performers in **University Student** and **Industry** categories will qualify for the World Championship, to be held during worldsteel's Special General Meeting in **Brussels** in April 2027.

Full details on steelChallenge — including news, rules, prizes, eligibility, and registration — are available at [steeluniversity.org](http://steeluniversity.org).

## Prizes & Recognition





Finalists in steelChallenge-21 earn more than just a place in the spotlight—they gain **recognition as some of the brightest rising talents** in the global steel industry.

Those who qualify for the World Championship receive a certificate from worldsteel, cash prizes, and a travel allowance to **join the final round in person**. Champions are awarded the iconic **steelChallenge Trophy** and celebrated across worldsteel and steeluniversity channels.

But the true reward goes beyond trophies: finalists get to **connect with senior leaders, build lasting industry relationships, and open doors to exciting career paths** in one of the world's most essential industries.



## Schedule

- 1**  **Sep 1, 2026**  
**Registration opens**  
Registration can be performed at [steeluniversity.org](https://steeluniversity.org) and will grant access to simulations, 3D models, e-learning courses, video tutorials, forum and support desk.
- 2**  **TBC Oct, 2026**  
**Learning by Doing – EAF and Secondary Steelmaking Simulation Explained**  
1-hour steelTalks Masterclass delivered by **Dr. Ing. Ronald O'Brien**. The class will be recorded and available to re-watch.
- 3**  **Nov 17, 2026**  
**Regional Championship**  
Participants will have a number of hours to record successful runs of the chosen steelmaking simulators.
- 4**  **TBC Apr, 2027**  
**World Championship**  
**Top 10 participants** will qualify for the World Championship. The qualifiers include the **University Student and Industry** winners in each region.



### Stay tuned

Visit [steeluniversity.org](https://steeluniversity.org) and subscribe to the newsletter to receive the latest steelChallenge-21 news, key dates, and registration updates.

# Why participate in steelChallenge-21?

steelChallenge offers a unique blend of **educational, professional, and personal growth opportunities**. Through hands-on experience with advanced steelmaking simulators, you will develop practical skills, explore real industry challenges, and connect your learning to the future of steelmaking.

**Solve real industry challenges** through advanced steelmaking simulators and expert-led Master Classes.

**Grow your network** with peers, and leaders who can open doors to future careers and collaborations.

**Strengthen your skills** in problem solving, innovation, and sustainability, capabilities that define the future of steel.



## Hands-on training & learning resources

Dive into advanced simulators for realistic **hands-on training** and access a wealth of learning resources at [steeluniversity.org](https://steeluniversity.org). Prepare for the challenge!



## Career opportunities & industry exposure

Increase your chances of job offers and internships from leading steel companies and stay ahead with exposure to the latest industry trends and technologies.



## Global recognition & networking

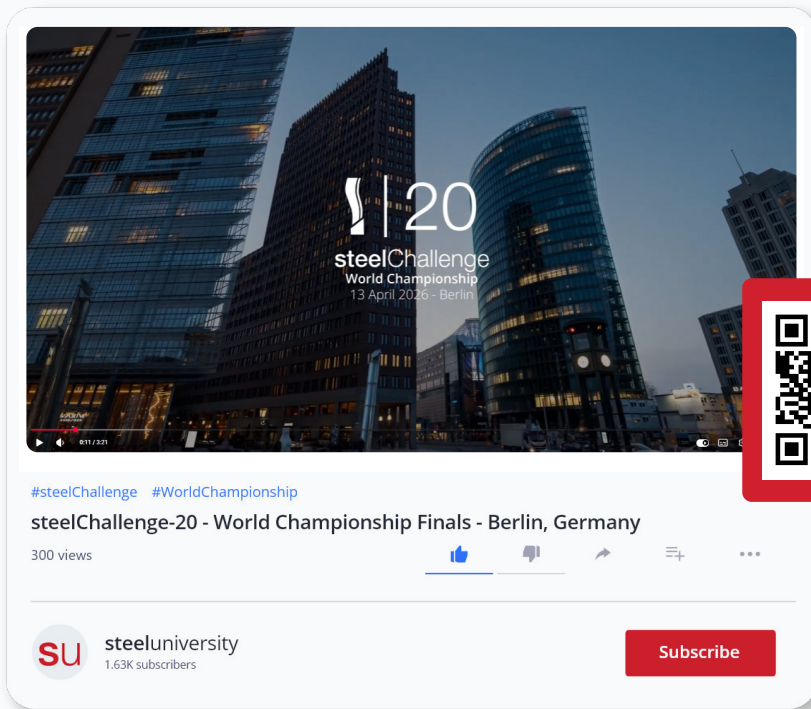
Gain recognition on a global scale and expand your network with industry leaders, enhancing your resume and opening doors to new opportunities.



## Innovation & sustainability impact

Showcase your **commitment to innovation and sustainability**, demonstrating leadership in driving sustainable practices and advanced technologies in steelmaking.





**Scan and watch!**  
See the steelChallenge-20 finalists in action and discover what the World Championship experience is all about.



## Join steelChallenge-21!

Are you ready to take the next step in your journey?

steelChallenge-21 is your chance to test your skills, learn from experts, and compete on a global stage. Whether you're a student preparing to enter the industry or a young professional looking to grow, this is where your future begins.



Registration opens  
1 September 2026 at  
[steeluniversity.org](https://steeluniversity.org)

Once registered, you'll gain access to simulators, master classes, 3D models, and the full library of steeluniversity resources to help you prepare.



Be a part of a global community of steel

Join a global community of learners and future leaders who are shaping the steel industry of tomorrow. Your journey starts here—and the impact you make could carry far beyond the competition.



Learn. Compete.  
Make an impact.

Build practical knowledge, expand your network, and earn recognition that can take your future further than you can imagine.

**steelChallenge-21 is your next step forward. Are you ready?**



**steelChallenge-21**  
Regional Championship  
17 November 2026  
Register at [steeluniversity.org](https://steeluniversity.org)

steeluniversity

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ASSOCIATION