

**INTERNATIONAL
STEM OLYMPIAD
2024**

PRESENTATION

WHAT is STEM?

STEM is a curriculum based on the philosophy of educating students in science, technology, engineering and mathematics in an interdisciplinary and applicable approach.

Science

Technology

Engineering

Mathematics

What is the International STEM Olympiad?

The International STEM Olympiad is an online competition platform on which elementary and secondary school students (grades 1 to 12) compete. The competition aims to support and promote the philosophy of STEM education.

The International STEM Olympiad provides students with interactive training portals as learning resources. Students are able to see how technology, as well as traditional teaching methods, contributes to their learning.

Organization

The International STEM Olympiad is organized by MAIN TEAM ORGANISATION GmbH, a private company founded in 2012, which organizes educational events and programs in Europe for students and educators.

**MAIN TEAM
ORGANISATION**
Germany

Who is eligible to compete?

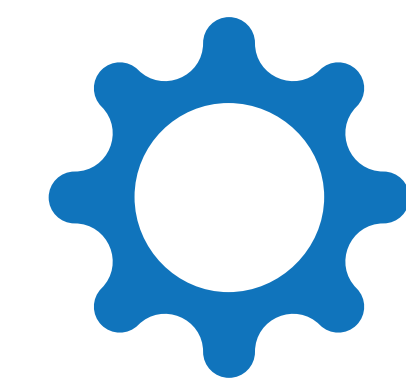
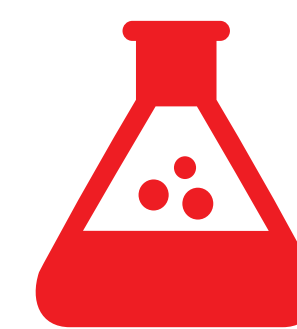
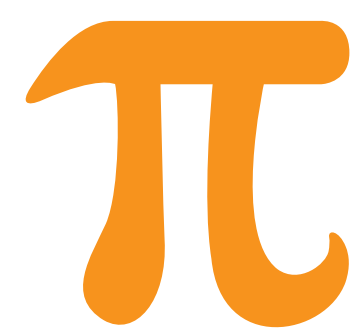
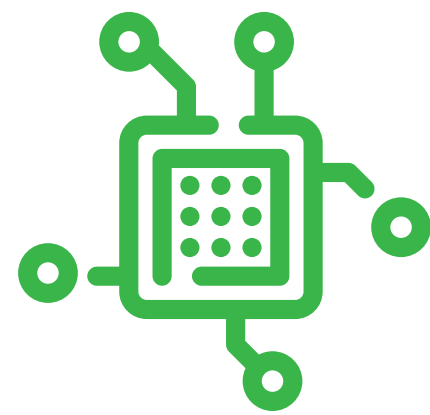
The International STEM Olympiad is open to all elementary, secondary and high school students in grades 1 through 12.

There is no special requirement for participation in this Olympiad.

There is no age restriction. Students must register according to their current grades, not the school year in which they are enrolled.

International STEM Olympiad 2024

Categories Based on Grade Levels



CODING

MATH

SCIENCE

**TECHNOLOGY
& ENGINEERING**

for grades
2 to 12

for grades
1 to 12

for grades
1 to 12

for grades
6 to 11

STEM Olympiad 2024 – Calendar

There are 2 optional exam dates available for each category in the Qualification Round.

	ONLINE			OFFLINE
	Qualification Exams*	Final Exams	The BOB Exams	Grand Final
CODING	26 Nov. 2023 <i>or*</i> 28 Jan. 2024	11 Feb. 2024		COMING SOON (in Europe)
MATH	03 Dec. 2023 <i>or*</i> 04 Feb. 2024	18 Feb. 2024	10 March 2024	
SCIENCE	03 Dec. 2023 <i>or*</i> 04 Feb. 2024	18 Feb. 2024	10 March 2024	
TECHNOLOGY & ENGINEERING	03 Dec. 2023 <i>or*</i> 04 Feb. 2024	18 Feb. 2024	10 March 2024	

Exams can be taken on either date. Students may take the same or different exams on both dates if they wish in the Qualification Exams.

Participation fees

	Qualification Exams	Final Exams	The BOB Exams
CODING	25€	FREE <i>(for qualified participants)</i>	
MATH	20€	FREE <i>(for qualified participants)</i>	FREE <i>(for qualified participants)</i>
SCIENCE	20€	FREE <i>(for qualified participants)</i>	FREE <i>(for qualified participants)</i>
TECH. & ENG.	20€	FREE <i>(for qualified participants)</i>	FREE <i>(for qualified participants)</i>

Study Resources - 1

All resources for exam preparation can be accessed through the Syllabus menu.

The screenshot shows the website's header with the logo (4th INTERNATIONAL STEM OLYMPIAD) and navigation buttons: GRAND FINAL (Coming Soon), LOGIN, and REGISTER. A black navigation bar contains links: HOME, ABOUT US, INSTRUCTIONS, CATEGORIES, MEDALS / AWARDS, SYLLABUS, DOWNLOADS, FAQ, ANNOUNCEMENTS, CONTACT. Below is a banner for Codementum with the text: REGISTER FOR CODING CATEGORY in STEM OLYMPIAD GET A FREE PREMIUM MEMBERSHIP FROM CODEMENTUM. A blue speech bubble says GREAT OPPORTUNITY. A woman is smiling on the right. A dropdown menu for SYLLABUS shows Subjects, Resources, and Past Papers. The text For grades is partially visible at the bottom.

Study Resources - 2

CODING Category:

- Codementum portal is the primary study resource for the Coding category in grades 2 through 12. Students can study the program language they prefer among Block, Python and JavaScript and complete the challenges until the Coding exams.
- Codementum provides [a free premium membership](#) to the STEM Olympiad participants until 31 July 2024.



Study Resources - 3

Math and Science Categories

STEM Olympiad brings together students in grades 1-12 in the MATH Category with the PhET Interactive Simulations. Students can use this platform to study the topics on the syllabus menu. In addition to this platform, we recommend using other open sources for the studying.

Technology & Engineering Category

There are two types of content provided in order to prepare Tech. & Eng. category: topics and videos. Approximately 50% of the questions will cover general topics which can be studied from open sources, while the remaining 50% will be based on the provided videos accessible through the Resources section under the Syllabus menu.

Exam Process

- The first 3 stages of the Olympiad will be organized online.
- Students can use a computer or smart phone to participate in the exams.
- The official language of the Olympiad is English. However, students can participate in the exams by choosing one of the following **exam languages** during registration:
 - » English
 - » French
 - » Spanish
 - » Russian
 - » Turkish
 - » Azerbaijan
- The exam progress will be monitored using the ZOOM program.

Exam Duration and Number of Questions

Categories	Qualification Exams <i>(60 minutes)</i>	Final Exams <i>(60 minutes)</i>	The Best of Bests Exams <i>(60 minutes)</i>
CODING <i>(Grades 2-12)</i>	30 Challenges	30 Challenges	-
MATH <i>(Grades 1-12)</i>	25 Questions	25 Questions	30 Questions
SCIENCE <i>(Grades 1-12)</i>	25 Questions	25 Questions	30 Questions
TECH. & ENG. <i>(Grades 2-9)</i>	25 Questions	25 Questions	30 Questions

Qualification Exams

- 2 alternative dates
- 8 available exams
- » Exams can be taken on either date or on both dates.
- » Attending the exams on both dates is not mandatory.
- » By doing so, a student can increase the chance of qualifying to the Final Round and also gain more experience.

Students can take the exams in the same or different categories.

Exam Times:

The exam portal in Qualification Round will be accessible for 24 hours during the exam day in GMT Time.

Evaluation of the Qualification Exams

Table of minimum scores required to be a finalist (p. = Point)

	Coding	Math	Science	Tech. & Eng.
Grade 1	-	4 p. or more	4 p. or more	-
Grade 2	Min 1 challenge	4 p. or more	4 p. or more	-
Grade 3	Min 1 challenge	4 p. or more	4 p. or more	-
Grade 4	Min 10 challenges	32 p. or more	32 p. or more	-
Grade 5	Min 10 challenges	40 p. or more	40 p. or more	-
Grade 6	Min 10 challenges	48 p. or more	48 p. or more	32 p. or more
Grade 7	Min 10 challenges	32 p. or more	32 p. or more	40 p. or more
Grade 8	Min 10 challenges	40 p. or more	40 p. or more	48 p. or more
Grade 9	Min 10 challenges	48 p. or more	48 p. or more	32 p. or more
Grade 10	Min 10 challenges	32 p. or more	32 p. or more	40 p. or more
Grade 11	Min 10 challenges	40 p. or more	40 p. or more	48 p. or more
Grade 12	Min 10 challenges	48 p. or more	48 p. or more	-
(* Each question is 4 points.)				

Final Exams

Students who meet the minimum score requirement in the Qualification Exams will be able to compete in one or more categories in the Final Round and win medals in up to 4 categories. The Final Round Exams are **free of charge**. No additional payment is required

Final Exam Dates & Times:

11 February 2024
> Coding (11:00)

18 February 2024
> Math (09:00) > Science (11:00) > Tech. & Eng. (13:00)

- * Exam times are according to the local time in each country.
- * Zoom connection with one camera will be required during the exams.

Evaluation of the Final Exams (for grades 1-3)

The top 3 participants in each grade and category will be awarded a hard copy Gold Medal and a Certificate of Achievement.

- Top 25%: Digital Gold Medal Certificate & Certificate of Achievement
- 25-60%: Digital Silver Medal Certificate & Certificate of Achievement
- 60-100%: Digital Bronze Medal Certificate & Certificate of Achievement

Evaluation of the Final Exams (for grades 4-12)

The top 3 participants in each grade and category will be awarded a hard copy Gold Medal and a Certificate of Achievement.

- Top 10%: Digital Gold Medal Certificate & Certificate of Achievement
- 10-25%: Digital Silver Medal Certificate & Certificate of Achievement
- 25-50%: Digital Bronze Medal Certificate & Certificate of Achievement
- 50-80%: Digital Honorable Medal Certificate & Certificate of Achievement
- 80-100%: Certificate of Participation in the Final Round Exams

THE BEST OF THE BESTS ROUND

This round is only for students in grades 6-12 who are participating in the MATH, SCIENCE, and TECHNOLOGY & ENGINEERING categories.

The top 10% of the Final Round participants in the MATH, SCIENCE and TECHNOLOGY & ENGINEERING categories will be eligible to take the Best of the Best (BOB) Global Round Exams.

The Best of the Bests Round Exams are **free of charge**. No additional payment is required.

The Best of the Bests Global Round Exams will also **be held ONLINE**.

The language of the BOB exams will be **English only**.

Zoom connection **with 2 separate devices** will be required during the exam.

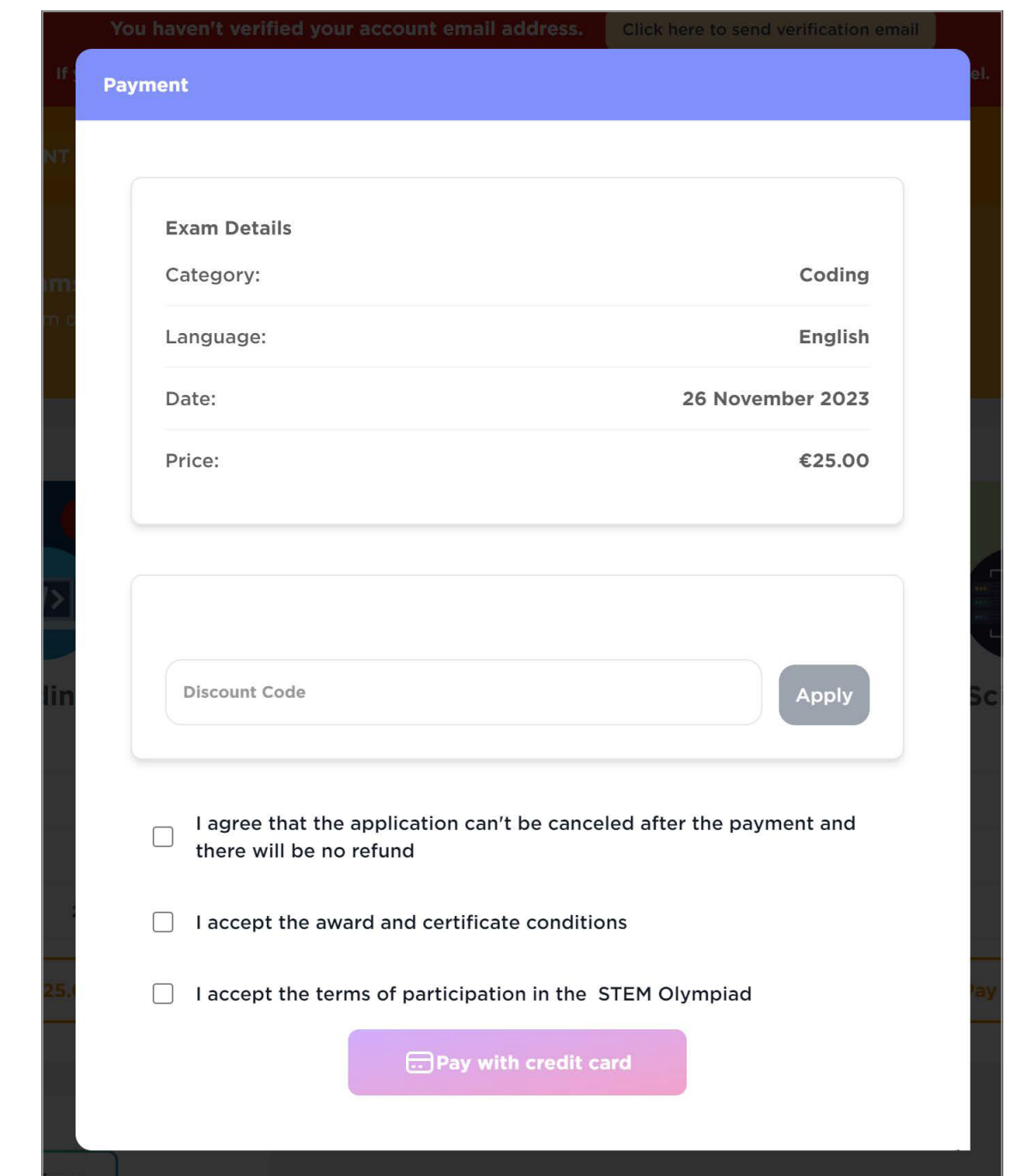
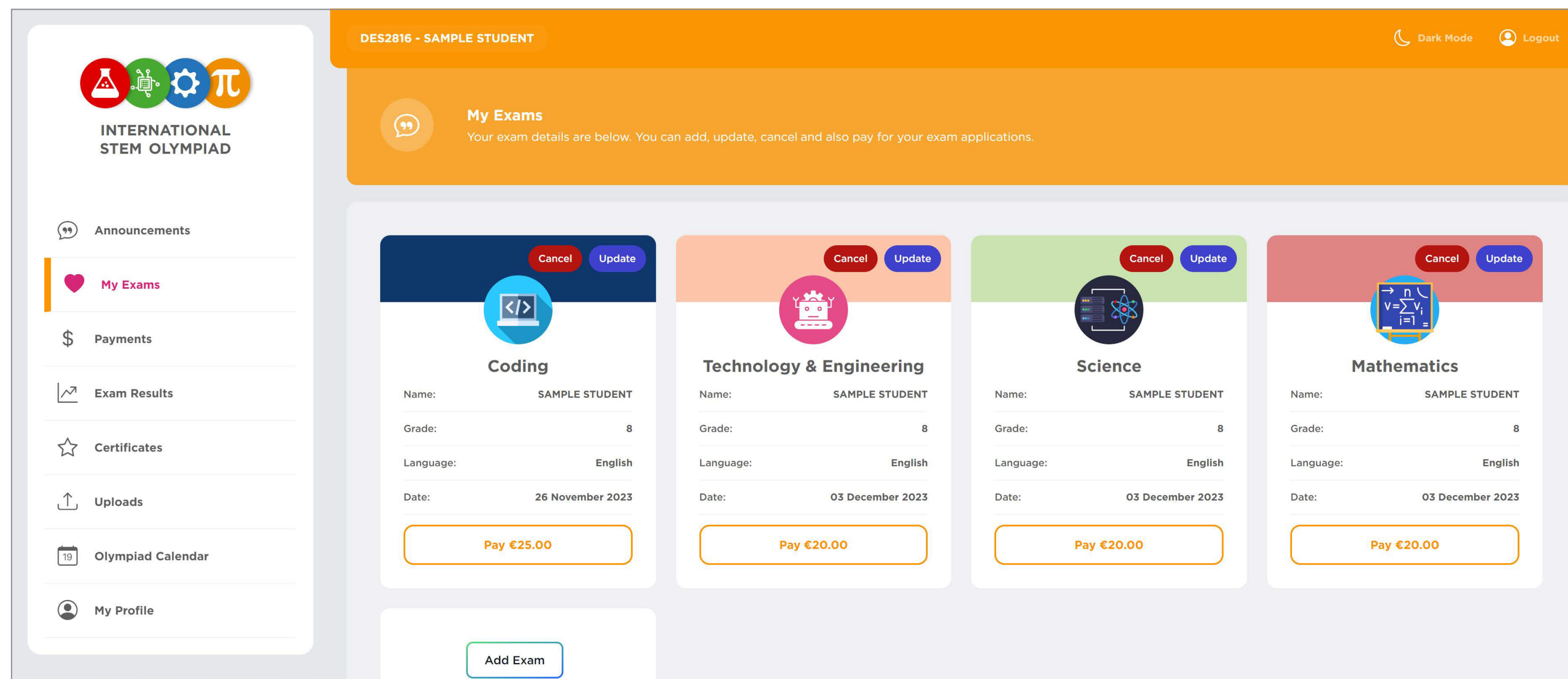
Evaluation of the Best of the Bests Round

The top-ranking students will be awarded the following hard copy medals and certificates (in the Math, Science and Technology & Engineering categories only):

- 1st Places - Original GOLD M. + Hard Copy Cert. + Award
- 2nd Places - Original GOLD M. + Hard Copy Cert. + Award
- 3rd Places - Original GOLD M. + Hard Copy Cert. + Award

A certificate of participation is not provided for the remaining of the participants.

Participation fee and payment



After selecting the exam category, you can pay with a credit card by clicking the PAY button.

Participants who qualify to the Final exam as well as the BOB Exam **are not required to pay any additional fees.**

STEM OLYMPIAD 2024 AWARDS - 1

Original Medals & Certificates for:

The top 3 students in all grades and categories **based on the Final Exam results**

The top 3 students in grades 6-12 **based on the BOB Exam results** in Math, Science and Tech. & Eng. categories



A TOTAL OF
183 WINNERS
WILL BE
AWARDED

STEM OLYMPIAD 2024 AWARDS - 2

Awards From Sponsors

- * A total of 93 winners will be awarded
- * Each winner can only choose 1 award



Prizes will be awarded based on the following results;

- In the Coding category according to the results of the Final exam.
- In the Math, Science, Tech. & Eng. categories;
 - > According to the results of the Final exams for grades 1-5
 - > According to the results of the Best of the Best exams for grades 6-12

STEM OLYMPIAD 2024 AWARDS - 3

Stem Grand Final Discounts*

These discounts are valid for the top 3 students in each category from grades 5 to 11 in **Coding category** based on final exam results and in **other categories** based on the BOB exam results.

“FOR 81 WINNERS IN TOTAL”

First Places

75%

DISCOUNT

Second Places

50%

DISCOUNT

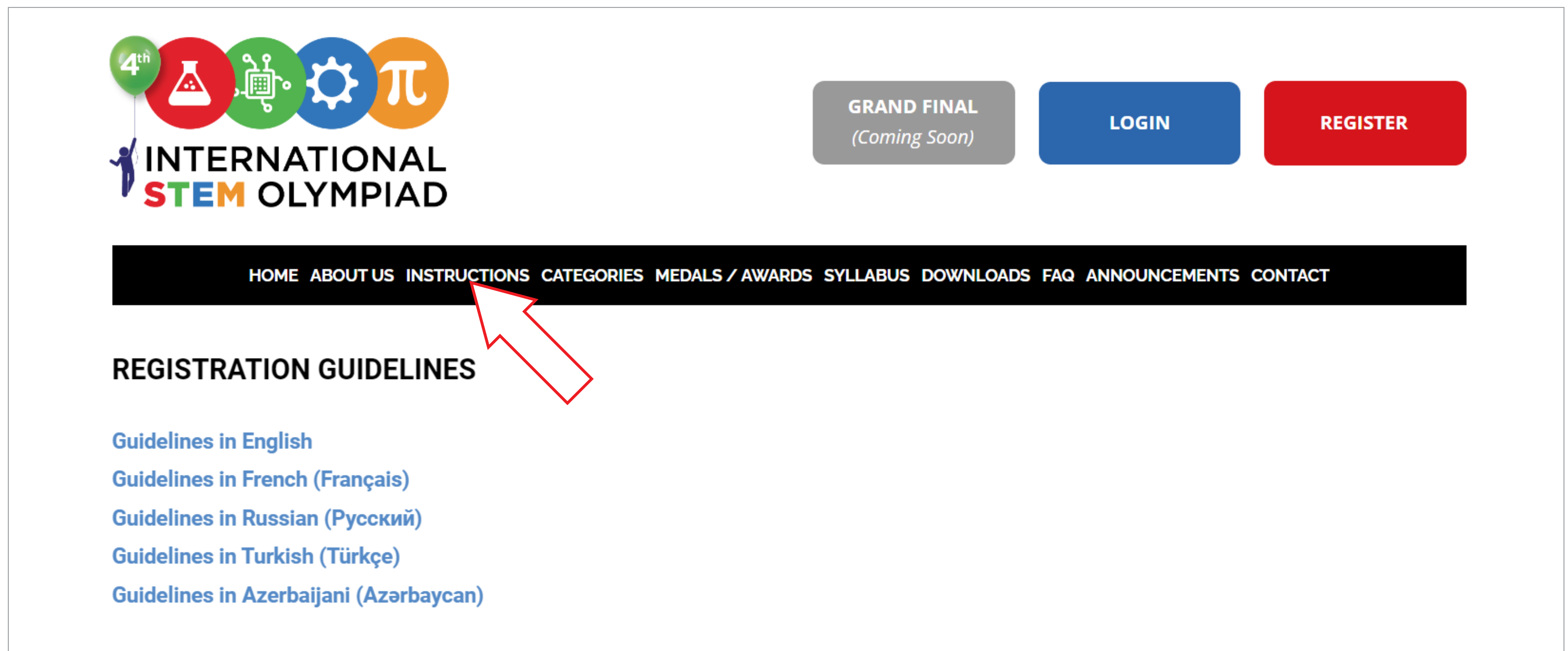
Third Places

25%

DISCOUNT

*STEM GF Discounts are only valid if all GF participation requirements are met.

You can find answers to all of your questions about registration and preparation for the Olympiad in the guidelines, which are available in 5 different languages.



The screenshot shows the website's navigation menu. At the top left is the logo for the 4th International STEM Olympiad, featuring icons for a beaker, a circuit board, a gear, and the pi symbol. To the right of the logo are three buttons: 'GRAND FINAL (Coming Soon)' in grey, 'LOGIN' in blue, and 'REGISTER' in red. Below these is a black navigation bar with white text links: HOME, ABOUT US, INSTRUCTIONS, CATEGORIES, MEDALS / AWARDS, SYLLABUS, DOWNLOADS, FAQ, ANNOUNCEMENTS, and CONTACT. A red arrow points to the 'INSTRUCTIONS' link. Below the navigation bar, the heading 'REGISTRATION GUIDELINES' is displayed, followed by five links for guidelines in different languages: English, French (Français), Russian (Русский), Turkish (Türkçe), and Azerbaijani (Azərbaycan).

Follow the International STEM Olympiad on Social Media



stemolympiadorg



@stemolympiad

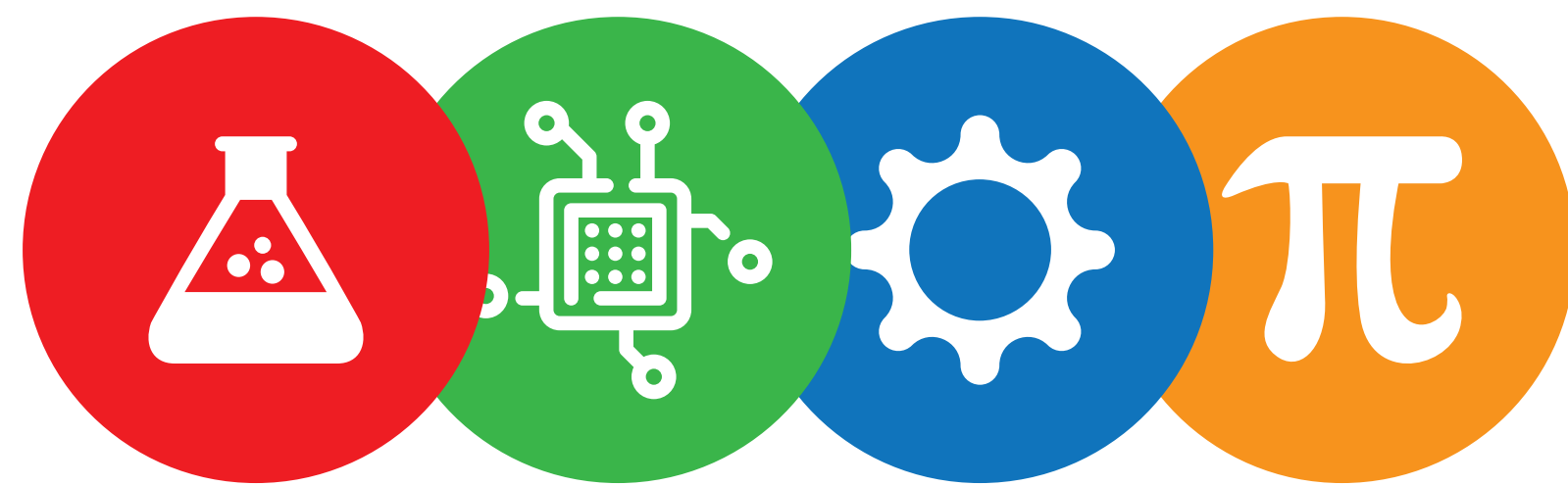


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@StemOlympiad

STEM Olympiad reserves the right to change the conditions in this presentation file according to the number of participants and technical requirements. These updates will be announced in the Announcements section. In addition, detailed exam conditions will be announced in the announcements section before the exams via homepage. Participants are obliged to follow the announcements.



INTERNATIONAL STEM OLYMPIAD

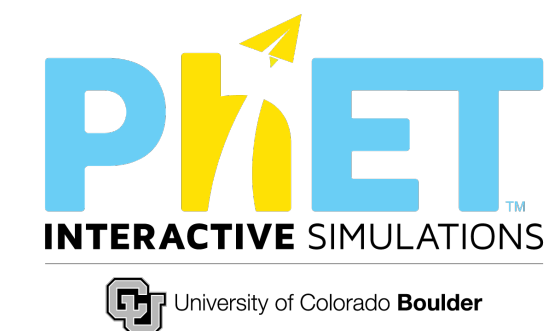
HURRY UP! REGISTER NOW!



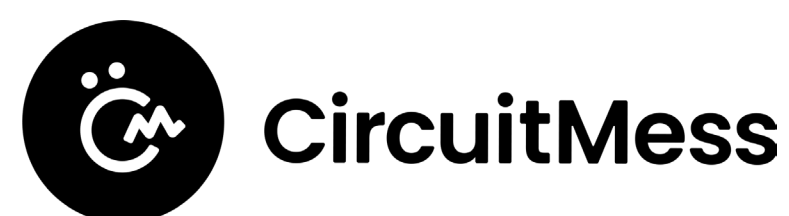
ORGANIZATION

MAIN TEAM
ORGANISATION
Deutschland

STUDY PLATFORMS



AWARDS SPONSORS



BRILLIANT

