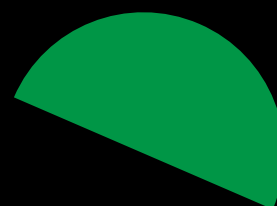
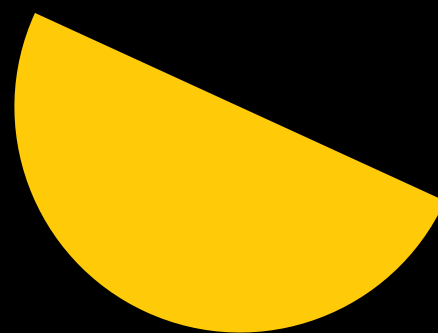
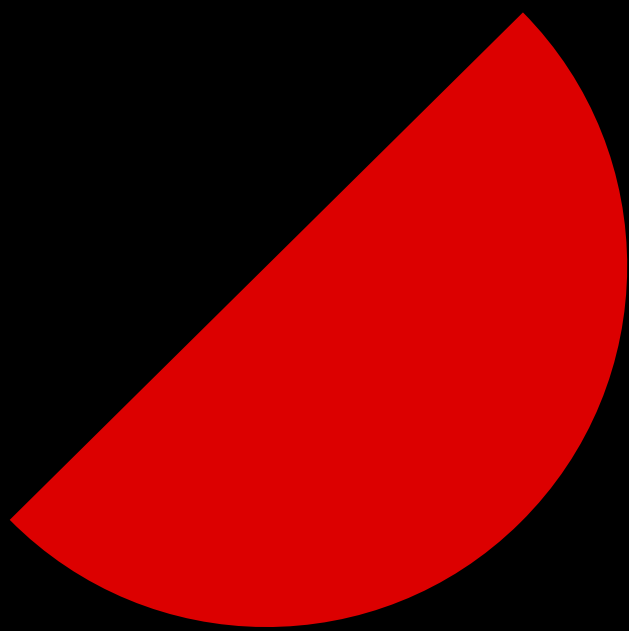
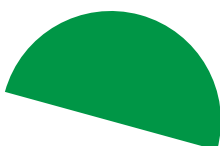




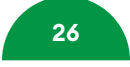
Share
the light

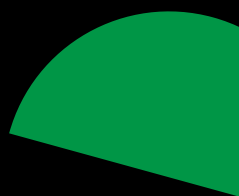
51st International Physics Olympiad





Contents

	Welcome words
	About International Physics Olympiad
	About Lithuania
	IPhO 2021 program
	Participants: students, leaders, invigilators, observers
	Organizers



Welcome words





Dear Participants of the International Physics Olympiad,

I extend my greeting to the best young physics talents and team leaders from nearly eighty countries of the world who - virtually come together for this unique venture organized this year in Vilnius, Lithuania, rightly described as a country of science and innovation.

Here you will embark on an intellectual journey to test your knowledge of physics. You will delve into the waters of science that indisputably affect many aspects of life in today's global world. Physics is at the core of most important scientific discoveries, the driving force of technological and economic progress. It means that you – smart young generation – have our future in your hands.

Therefore, it is a great pleasure and privilege for Lithuania to welcome you to this international level event – a true celebration of valuable experience, development, new meetings and contacts.

Let preparatory work and participation in the Olympiad help you choose a career path, encourage to become leaders in education, new technologies and business through knowledge required for human progress in these times of innovation and challenge.

I wish your efforts to translate to outstanding results, innovative ideas and decisions.

The best of luck to all of you!

Gitanas Nausėda

President of the Republic of Lithuania



Dear heads of delegations,
participants,

I have a great pleasure to address you from Vilnius and I am delighted that Lithuania has the honour of hosting the 51st International Physics Olympiad.

Of course, we would be even happier if we all could meet face-to-face. However, we hope that the Olympiad, which will take place remotely, will also be a good practice and a successful personal experience for you. I hope that you will find new friends, get to know the country and that you may decide to visit us when you have an opportunity.

I am thankful to Professor Edmundas Kuokštis of Vilnius University and his team who have prepared interesting tasks for you, and pleasant activities to relax and to get to know each other.

Lithuania is proud of its nature, culture, sports, business, and economic achievements. We are especially proud of our scientists and innovators, particularly in the fields of biotechnology, lasers, information technology, robotics, medicine, and others.

We are a country that loves to learn and aspires to grow and create constantly. We are one of the first to embrace innovation in a variety of areas. We have excellent universities that warmly accept those interested in science, and we actively help to create innovative start-up businesses. The ideas and enthusiasm of young people lead forward and inspire others.

Together with our physicist community, I congratulate the delegations of 80 countries on joining us and sincerely wish everyone creativity and success in achieving the best results. I wish you an exciting and successful Olympic week!

Dr. Jurgita Šiugždinienė

Minister of Education, Science and Sport of the
Republic of Lithuania



51st International Physics Olympiad (IPhO) organized by Lithuania from 17-24 July 2021

marks the beginning of a new era with it being the first ever IPhO wherein participants take the examination, physically, in their own country in a way like past IPhOs but with exam problems presentation/discussion/translation, invigilation, marking, moderation, International Boarding Meetings, opening/closing ceremonies, and all other social, scientific, and cultural programs being organized online through virtual platform. While the student participants and the team leaders are going to miss the real on-site experience of the Lithuanian food, culture, history, and hospitality, the organizing committee of IPhO2021 has done its best to provide the participants a wonderful range of virtual activities that include social networking, virtual tourism, lecture by Nobel Laureate Professor Didier Queloz, cultural show with Lithuanian dance and music, etc. The organizing committee has worked hard and tirelessly, under the most difficult circumstances which humanity has experienced in last many decades with many changes in IPhO organization planning due to ever changing situations due to COVID-19, to make the academic and IPhO participation experience, even though virtually, a memorable one for its participants.

IPhO2021 is the first ever online IPhO so it is going to be a new, entirely different, as well as an important learning experience for both the organizers and the participating teams. Just like in any other on-site IPhO, but more so because of being the first ever online venture, we may expect some hiccups, some disruptions, and some nervous moments during the IPhO 2021. It is going to be a benchmark event for all of us, something that needs to be carefully catalogued for all future references. I strongly believe with mutual support and synergistic cooperation between the organizers and the participants we will overcome the challenges that we will face in this new-normal and the IPhO2021 will emerge as an important milestone event in the IPhO history. Let us work together to make this Olympiad a success. I wish good luck to all student participants in their pursuit of academic excellence. Thank you very much!

Rajdeep Singh Rawat
President IPhO



Dear IPhO 2021 participants,

We are very excited and honoured to host the 51st International Physics Olympiad! The international situation has been disrupted by the Covid-19 pandemic, which is continuing to spread around the world. Due to these unfavourable circumstances we had no choice but to organize this biggest international event of the global young physics community online. It is equally challenging for us, as well as for you, especially in organizing the experimental problem part of the exam. That said, we do believe that all the difficulties will be successfully overcome by our mutual endeavor. I hope the new form of Olympiad will enrich us with new and exciting aspects of healthy competition, fair cooperation and scientific knowledge to our community in all the participating countries, thus contributing to the overall success of the 51st International Physics Olympiad.

We strongly hope you will enjoy your experience during this week of IPhO 2021 in Lithuania. We wish you all the best in this Olympiad competition!

Prof. Dr. Habil. Edmundas Kuokštis
Chairman of IPhO 2021 Academic Committee



Dear IPhO 2021 participants,

Due to the works of great physicists such as Isaac Newton, Albert Einstein and many other ingenious and creative individuals, today, at this time we can all be together at the 51st International Physics Olympiad though some of us are physically thousands of kilometers apart. The present situation worldwide does not provide us with the opportunity of shaking hands in Vilnius, but all the Organizing team of this great physicists' celebration is here with you. We will spare no effort to make your participation in the Olympiad memorable and leave you with only positive memories.

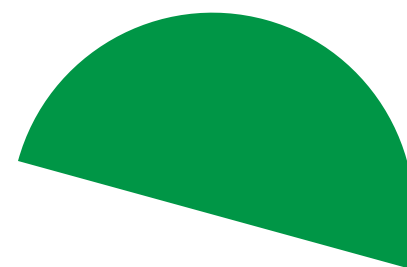
Our team is experienced in organizing international Olympiads for students but we have never worked on an event of such a grand scale and we are aware of this exceptional challenge and honour. Preparatory work for IPhO 2021 took several years. We followed the good practice of IPhO in Israel, Portugal, Switzerland and Liechtenstein. We were ready for the event to launch last year. Unfortunately, with sore hearts, we had to put the event away for a whole year. We are grateful to the countries who agreed to make changes in their plans in organizing future IPhO events.

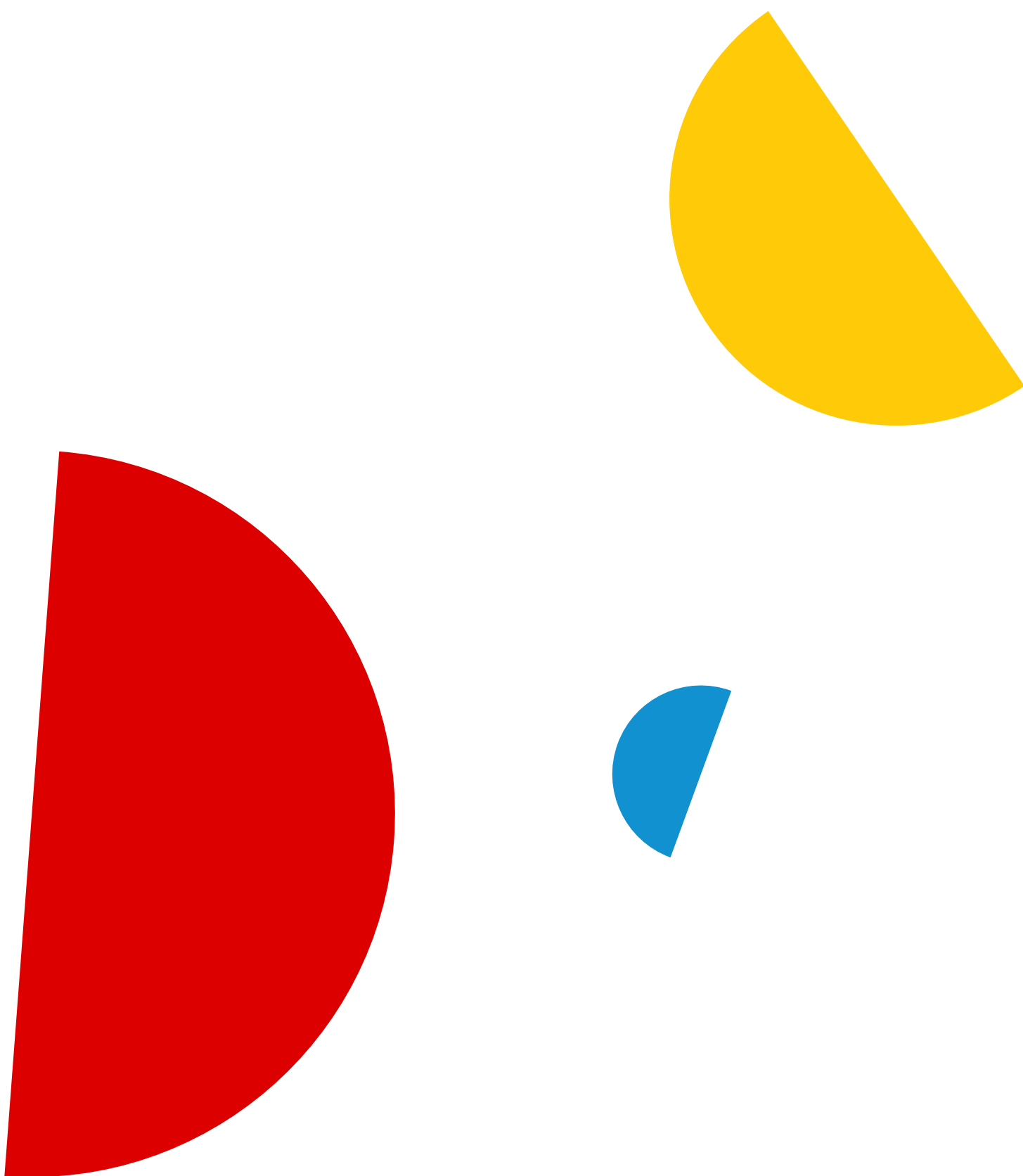
I wish to express my deepest gratitude to all who contributed in accomplishing this celebration of the world's young physicists: to the task creators, to all the organizers and volunteers, to all the partners and sponsors.

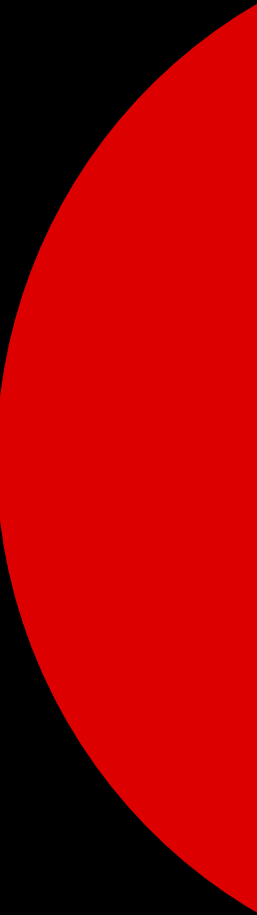
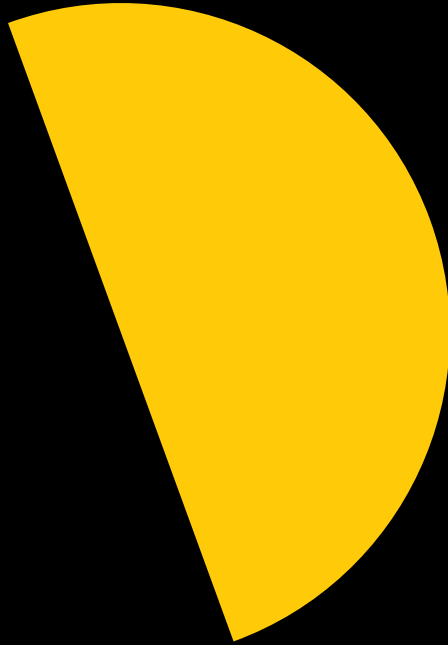
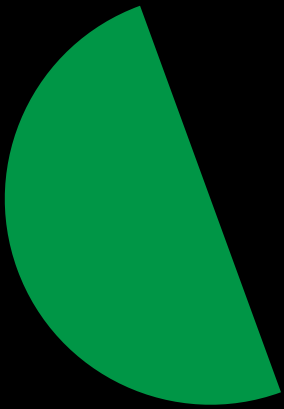
The great discoveries never happen in one day. A road to the discovery sometimes takes a long time. This road is conquered by the most persistent, the most diligent, the most curious and the most intelligent. I have no doubt you are all of those. I believe that this Olympiad will serve as a stimulus for starting your journey into the wonderful world of physics.

I wish you all the success in the Olympiad and in accomplishing your future goals!

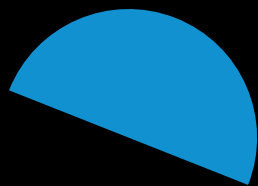
Dr. Gediminas Beresnevičius
Head of Organizing Committee







About International Physics Olympiad



What is IPhO?

In recognition of the growing significance of physics in all fields of science and technology as well as in general education of young people, and with the aim of enhancing the development of international contacts in the field of school education in physics, an annual physics competition is organized for secondary school students. The competition is called the International Physics Olympiad (IPhO) and is a competition between individuals.

A short history of the Olympiad

The success of the International Mathematics Olympiads (which are organised since 1959), and the positive experience gained from its organisation, greatly stimulated physicists involved in physics education to organise Physics Olympiad. For the first time the International Physics Olympiad was held in Warsaw, Poland in 1967 with only 5 countries participating. Competition was organised by Prof. Czesław Ścisłowski. The Olympiad expanded during the years peaking 92 participating delegations during IPhO 2018 in Portugal. During these years many changes in delegation size, number of theoretical and experimental problems and their difficulty were introduced. Organisational and academical aspects of the Olympiad are now represented in the Olympiad's statutes and syllabus which can be changed only during International Board meetings.

Lithuania was invited to join IPhO in 1989 as a guest team. Lithuanian Delegations participate in IPhO since 1992. Since then Lithuanian students won 2 gold, 13 silver, 38 bronze medals and 44 honorable mentions in the Olympiad.

Who can participate in the Olympiad?

Each participating country can send a delegation, normally consisting of five students and two accompanying persons.

The contestants shall be students of general or technical secondary schools i.e. schools which cannot be considered technical colleges. Students who have finished their school examinations in the year of the competition can be members of the team as long as they have not commenced their university studies. The age of the contestants should not exceed twenty years on the 30th of June of the year of the competition.

The delegation leaders must be specialists in Physics or Physics teachers, capable of solving the problems of the competition competently. Each of them should speak English.

What type of exams are presented?

The competition has two parts - theoretical and practical exams, each five hours long, and is scheduled with one day of rest between the examinations. Theoretical exam consists of three problems while experimental exam can consist of one or two problems from various

fields of physics. Theoretical exam is worth 30 points while experimental exam gives maximum of 20 points. Problems usually require creative thinking and the scope of knowledge specified in the Syllabus of the Olympiad. Exam problems are translated by the team leaders into the contestants' languages one day before examinations.

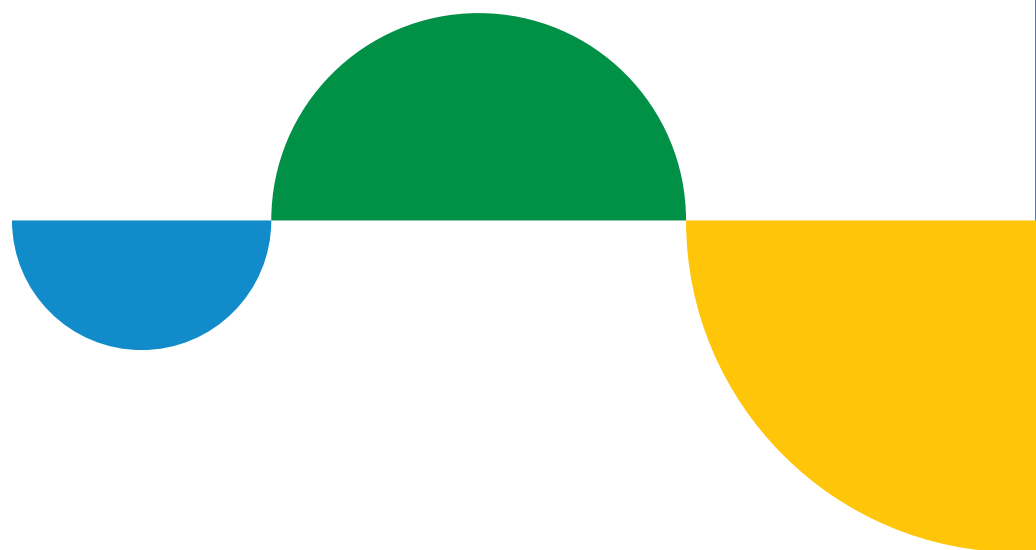
How many contestants are awarded?

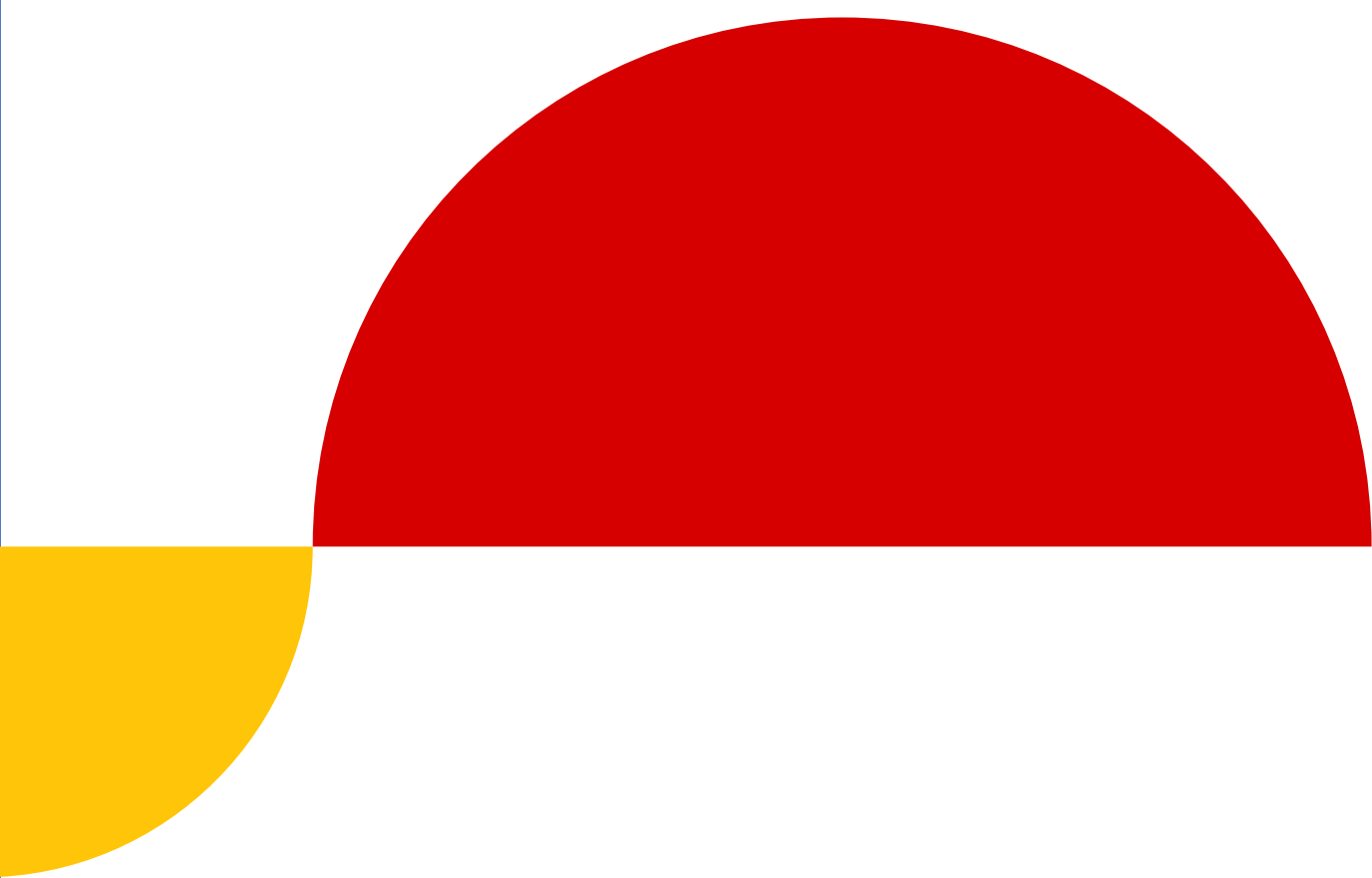
Gold Medals should be awarded to 8% of the contestants (rounded up the nearest integer).

Gold or Silver Medals should be awarded to 25% of the contestants (rounded up the nearest integer).

Gold, Silver or Bronze Medals should be awarded to 50% of the contestants (rounded up the nearest integer).

An Olympic Medal or Honorable Mention should be awarded to 67% of the contestants (rounded up the nearest integer).







About Lithuania



Lithuania: a small country with a huge heart

Lithuania is not a large country in its territory, but its history and culture can hardly be summed up by the word “small“. We are the people who struggles and dreams, who has put many and long lasting efforts into building our state, who has suffered long years of occupation, suppression, deprivation of freedoms but who has never stopped cherishing our own traditions, language and values which we trust. Lithuania as it comes in short passages:

History

The name of Lithuania was first mentioned in 1009. The only king we had, was King Mindaugas, who unified the lands and founded the state of Lithuania, he ruled the lands. Few are aware of the fact that till the close of the 16th century Lithuanian state territorially stretched from the Baltic sea to the Black sea. Afterwards, the wars with Swedes and Russians wasted the country, weakened it by the conflicts with Poland and, eventually, in the 18th c. we were taken by the Russian Empire as its part. In 1918 Lithuania regained its independence but lost it in 1940 to the occupation of Soviet Union and re-established independence only in 1990. We celebrate two Independence Days every year.

Culture

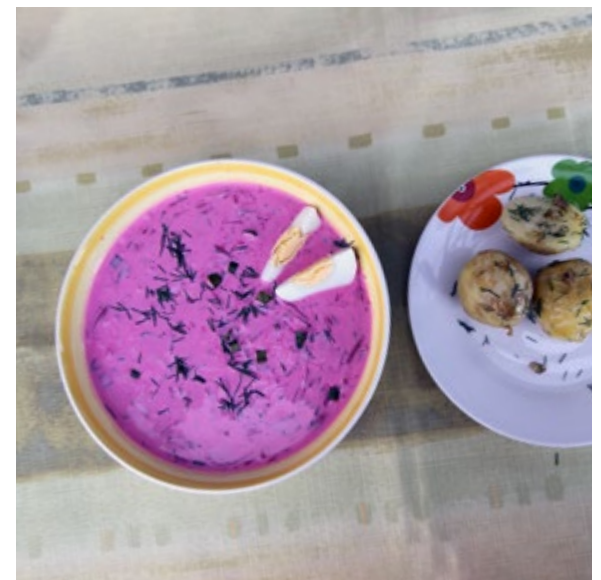
For a long time Lithuanians were faithful to their pagan faith and appear to be the last nation in Europe to accept Christianity, naturally, some ancient pagan practices are kept till nowadays. It is worth mentioning folk multipart songs - sutartines, as well as colouring of Easter eggs. Cross-crafting is included in UNESCO Immaterial World Heritage art list. You will surely be impressed by the visit to the Hill of Crosses. And by the classical music concerts, too, since many opera singers are also performing on the best stages of the world.

Language

The Lithuanian language belongs to the Baltic group of the Indo-European language family and it is not an easy language to master. It is one of the oldest Indo-European tongues still in use. Of all Indo-European language family, it is Lithuanian language that has the largest number of endearing words and diminutives. And no other language in the world has the letter “ė“!

Cuisine

Lithuanian cuisine knows no end of potato dishes, one example is zeppelins (cepelinai), potato dumplings named after an airship. A cold beetroot soup, šaltibarščiai, is particularly popular in summer since it is nourishing and refreshing. For desserts, Lithuanians have šakotis (a tree-cake), a tall pastry cooked on a special “spit“ and when finished it resembles a hollowed fir-tree.



Folk dances

Lithuanian folk dances are a traditional folk choreopgraphy heritage. A large number of dances are meant to make merriment, but some are considered to be ritualistic. Dances often make circles, some are played as games, they are so much fun!

Nature

The Western coast of Lithuania is washed by the Baltic sea; the Curonian spit offers views of the dunes of sand as well as the sun setting into the sea waters. The country boasts of many hiking trails by the woods, rivers and wetlands, through lake areas, hills and mounds. The landscape views can be admired from the observation spots while nature diversity is preserved in sanctuaries and reserves. Lithuania is proud of bountiful and purest groundwater sources in the world.

Science

Lithuania offers an opportunity to get a science degree in circa 40 state and private higher education institutions. Founded in 1579, Vilnius University is one of the oldest universities in Northern Europe. Due to many outstanding physicists Lithuanian science has significantly contributed to the advancement of the research in physics. Prof. Algis Petras Piskarskas and other scientists created a firm foundation for laser physics research and developed laser technology into a key industry in Lithuania. Currently, Lithuanian laser industry supplies more than 50% of lasers for the global ultra-short pulse scientific market. Ninety out of a 100 top universities in the world are currently using Lithuanian laser systems. Lithuanian physicists are also known for their work in organic optoelectronics, spectroscopy, semiconductor materials and other fields.

Basketball

Lithuania is achieving high results in several sports. We have Olympic champions in discus throwing, swimming and pentathlon. Yet, it is basketball that is oftentimes called the second religion in the country. Lithuania's men national team has gained European Champions title more than once, it is also one of a very few teams that was close to victory over USA national team in Sydney Olympic Games in 2000. For a long time now many Lithuanian players are making successful careers in NBA.

Vilnius

The capital of Lithuania offers many historic sites to visit such as the Old Town, a site included in UNESCO World Heritage Site list, Cathedral, Gediminas Tower. The city shows samples of Gothic, Renaissance, Baroque and Classical architecture. Besides, Vilnius has one of the richest verdure among European capitals. It is one of a very few cities where you can take a ride in ... a hot air balloon!





IPhO 2021 program



IPhO 2021 Student Program

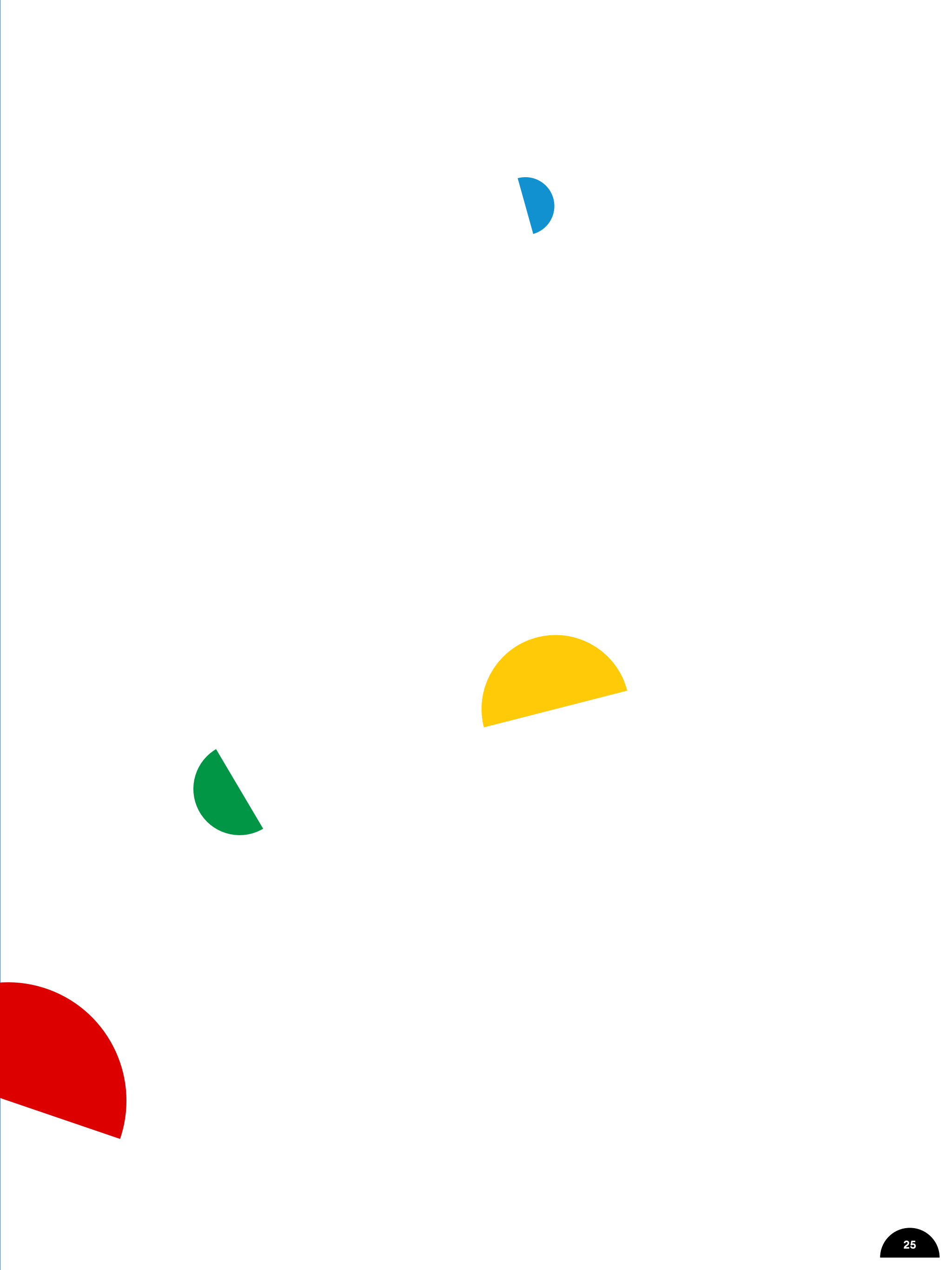
	Time EEST		Activity	Platform
07 17 Saturday	12:00	14:00	Social networking activities	Zoom
	15:00	17:00	Opening ceremony	Youtube
	18:00	20:00	Social networking activities	Zoom
07 18 Sunday	09:00	11:00	Virtual tourism activities	Zoom
	15:00	17:00	Lecture of the Nobel prize winner Professor Didier Queloz	Zoom
	18:00	20:00	Virtual tourism activities	Zoom
07 19 Monday	11:00	21:00	Experimental exam (5 hours in total)	Zoom
07 20 Tuesday	09:00	11:00	Mindfight game	Zoom, Youtube
	15:00	17:00	Lithuanian dance and music activity	Zoom
	18:00	20:00	Mindfight game	Zoom, Youtube
07 21 Wednesday	11:00	21:00	Theoretical exam (5 hours in total)	Zoom
	All day		Lithuanian movie night	CinemaClub
07 22 Thursday	09:00	11:00	Lithuanian food workshop	Zoom
	13:00	17:30	Science day lectures	Zoom
	18:00	20:00	Lithuanian food workshop	Zoom
	All day		Lithuanian movie night	CinemaClub
07 23 Friday	09:00	11:00	Lithuanian movie night discussion (watch the movie before)	Zoom
	14:00	17:00	Team work project presentations	Zoom
	18:00	20:00	Lithuanian movie night (watch the movie before)	Zoom
	All day		Lithuanian movie night	CinemaClub
07 24 Saturday	All day		Lithuanian movie night	CinemaClub
	15:00	17:00	Closing ceremony	Youtube

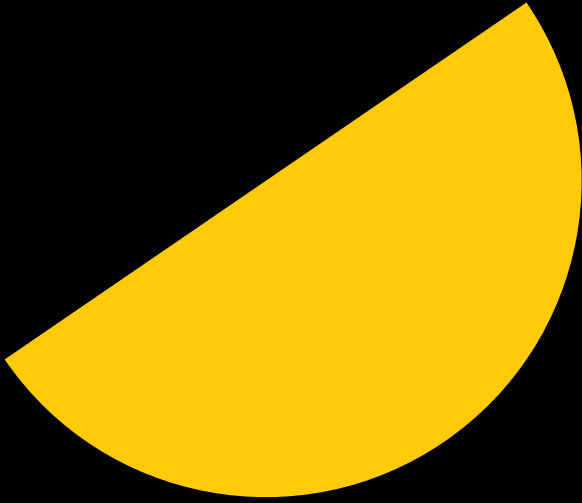
IPhO 2021 Team Leader & Observer Program

	Time EEST		Activity	Platform
07 16 Friday	16:00	18:00	Testing call to check the communication equipment	Zoom
07 17 Saturday	15:00	17:00	Opening ceremony	Youtube
07 18 Sunday	11:00	00:00	Discussion and translation of the experimental problems	OlyExams, Zoom
07 19 Monday	15:00	17:00	Virtual tourism activities	Zoom
07 20 Tuesday	11:00	00:00	Discussion and translation of the theoretical problems	OlyExams, Zoom
07 21 Wednesday	15:00	17:00	Mindfight game	Zoom, Youtube
	All day		Lithuanian movie night	CinemaClub
07 22 Thursday	18:00	19:00	International board meeting	OlyExams, Zoom
	20:00	00:00	Moderation	Zoom
	All day		Lithuanian movie night	CinemaClub
07 23 Friday	08:00	17:00	Moderation	Zoom
	18:00	20:00	International board meeting	OlyExams, Zoom
	All day		Lithuanian movie night	CinemaClub
07 24 Saturday	All day		Lithuanian movie night	CinemaClub
	15:00	17:00	Closing ceremony	Youtube

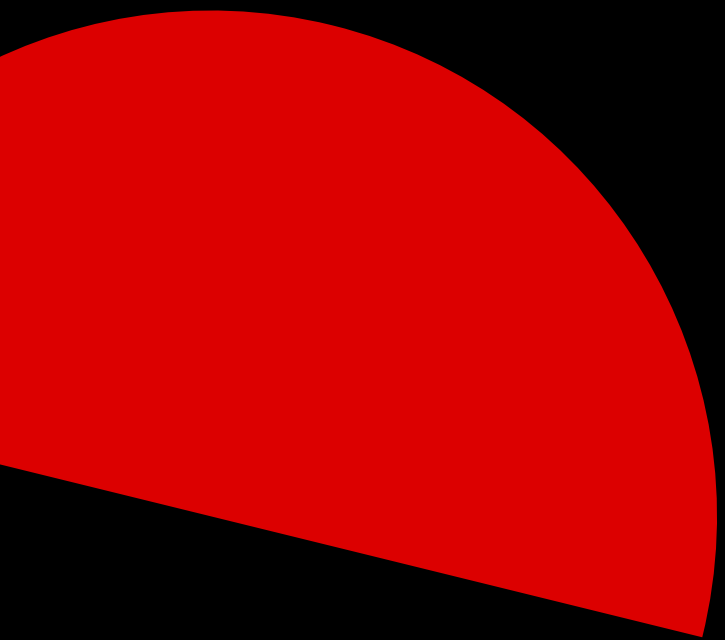
IPhO 2021 Invigilator Program

	Time EEST		Activity	Platform
07 16 Friday	15:00	16:00	Testing call to check the communication equipment	Zoom
07 17 Saturday	15:00	17:00	Opening ceremony	Youtube
07 18 Sunday	09:00	11:00	Virtual tourism activities (give students the communication devices)	Zoom
	11:00	19:00	Opening of the experiment kits	Zoom
	15:00	17:00	Lecture of the Nobel prize winner Professor Didier Queloz (give students the communication devices)	Zoom
	18:00	20:00	Virtual tourism activities (give students the communication devices)	Zoom
07 19 Monday	08:00	16:00	Experimental exam preparation (connect when you start preparation)	Zoom
	11:00	21:00	Experimental exam (5 hours in total)	Zoom
07 20 Tuesday	09:00	11:00	Mindfight game (give students the communication devices)	Zoom, Youtube
	15:00	17:00	Lithuanian dance and music activity (give students the communication devices)	Zoom
	18:00	20:00	Mindfight game (give students the communication devices)	Zoom, Youtube
07 21 Wednesday	08:00	16:00	Theoretical exam preparation (connect when you start preparation)	Zoom
	11:00	21:00	Theoretical exam (5 hours in total)	Zoom
07 24 Saturday	15:00	17:00	Closing ceremony	Youtube





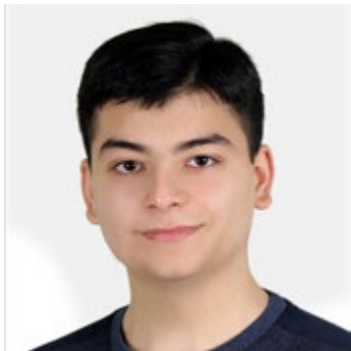
**Participants:
students, leaders,
invigilators,
observers**





Armenia

Students



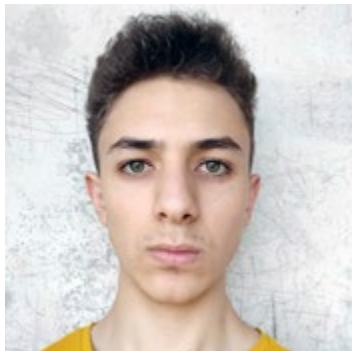
Hakob Chakhoyan



Artashes Gyoletsyan

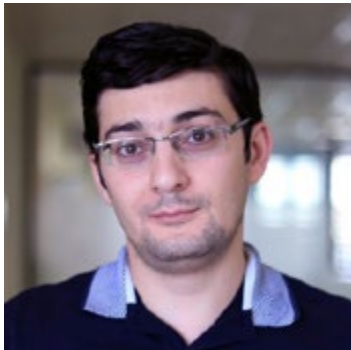


Ruben Karakhanyan



Davit Gyulamiryan

Leaders



Dr. Bilor Kurghinyan

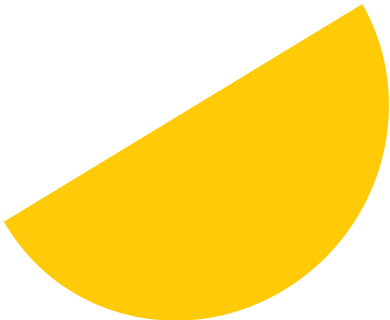
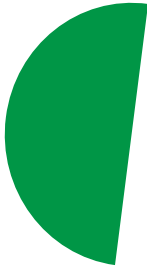


Dr. Mekhak Hayrapetyan

Invigilator



Hrant Topchyan



Students



Dhruv Hariharan



James Monro



Raymond Trinh



Yalun Yang



Rune Chi Zhao

Leaders



Matthew Verdon



Alix Verdon

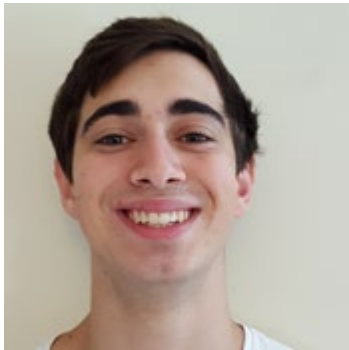
Invigilator



Claire Yung



Amy van der Hel



Joshua Maggiora

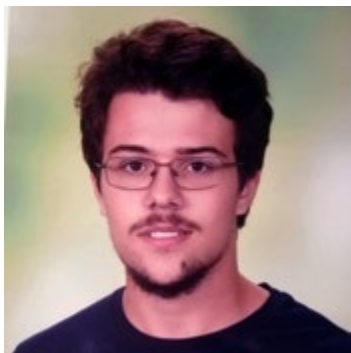


Alex Hayes



Austria

Students



Elias Hohl



Moritz Hofer



Miro Joensuu



Rohan Walia



Markus Rainer

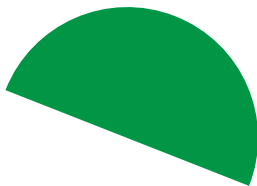
Leaders



Marianne Korner



Dr. Stefan Lorbek



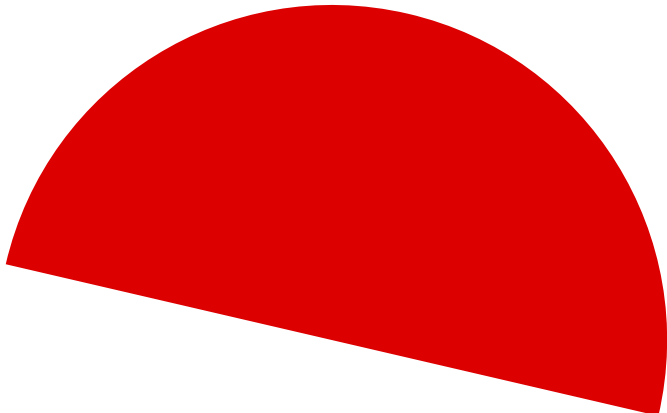
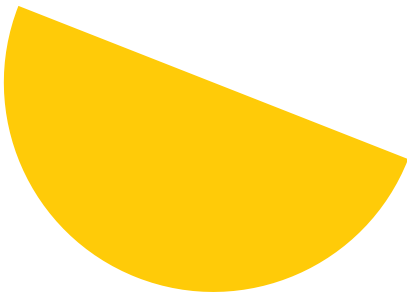
Invigilators



Dieter Winkler



Franz Picher





Azerbaijan

Students



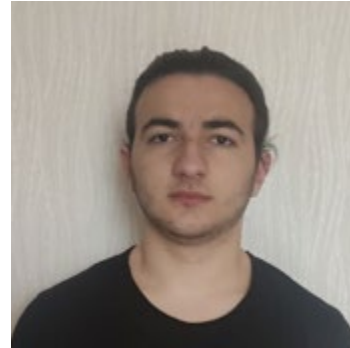
Ayhan Suleymanzade



Murad Bashirov



Siraj Yahyazade



Eshgin Aliyev



Vagif Aliyev

Leaders

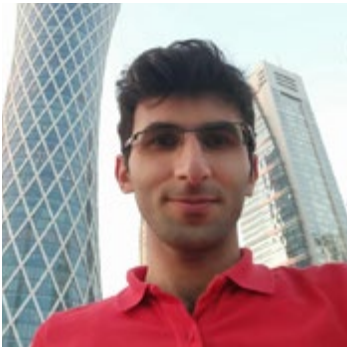


Orkhan Baghirli



Rashadat Gadmaliev

Invigilator



Gorkhmaz Mustafayev

Students



Rashedul Islam



Absur Khan Siam



Golam Ishtiak



Md Fahim Abrar



Imtiaz Tanweer Rahim

Leaders



M Arshad Momen



Fayez Ahmed Jahangir
Masud

Invigilators



S.M. Masruk Uddin



Md Shaikot Jahan Shuvo



Rifakat Alim Rashkee

Observers



Idris Ahmad Imran



Md Asaduzzaman

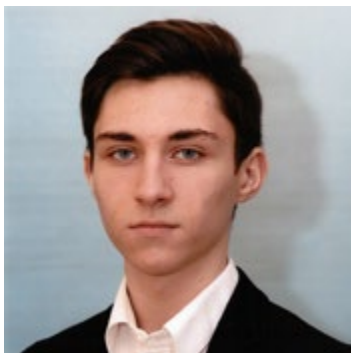


Belarus

Students



Michael Kharton



Dzianis Dziadkou



Mikita Tsybliyenka



Volha Turchyna



Timur Golubovich

Leaders



Prof. Anatoli Slabadzianiuk

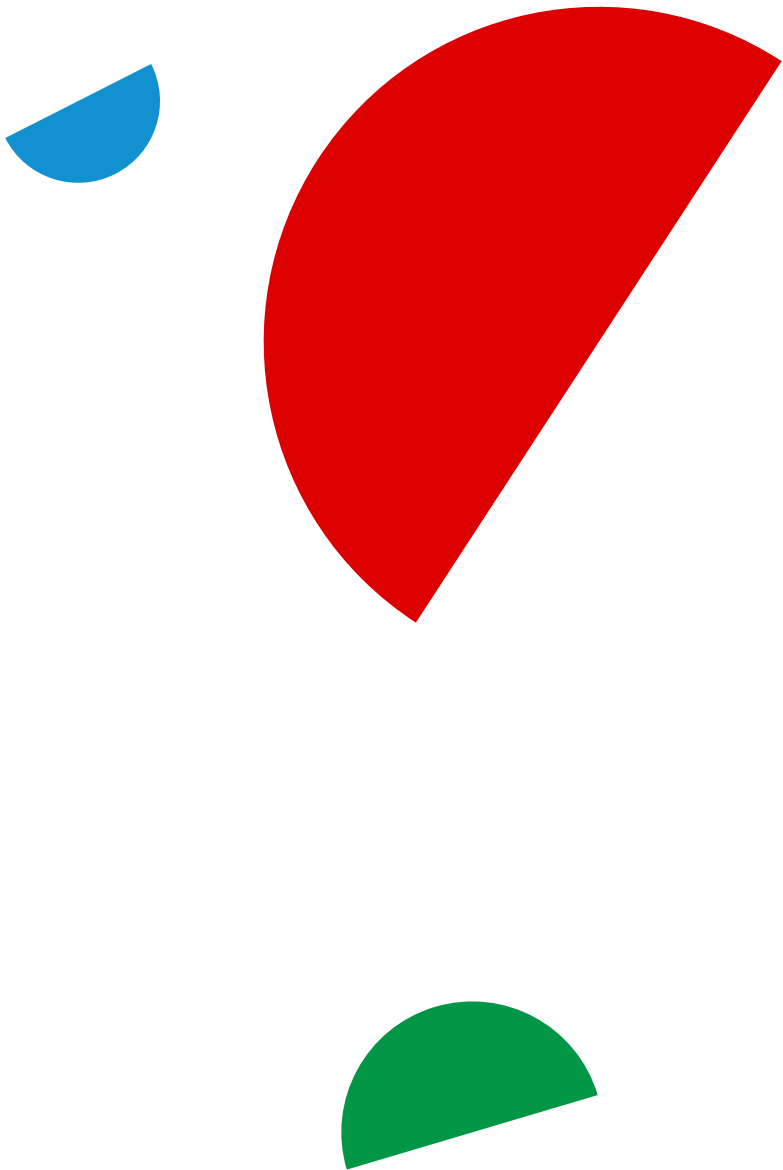


Dr. Leonid Markovich

Invigilator



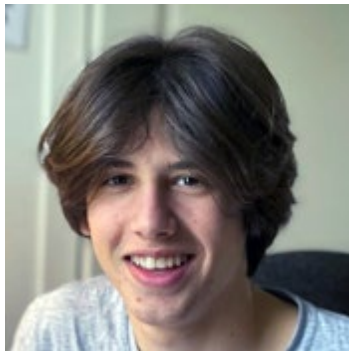
Dr. Artsiom Pivavarchyk



Students



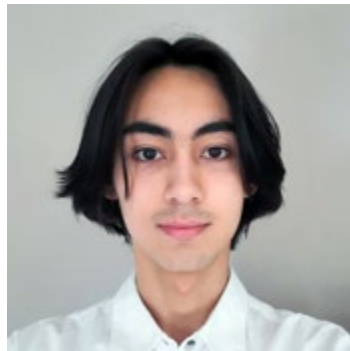
Rutger Dobbelaere



Matthias Tant



Dubus Martin



Daniel Yihua J Smolders



Trung Minh D Lê

Leaders

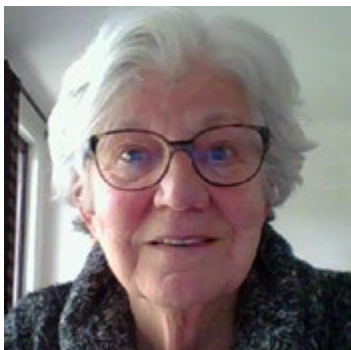


Prof. Leonard Philippe



Juan DÃaz Dorronsoro

Invigilators



Prof. Jacqueline Hellemans



Marc Beddegenoodts



Bolivia

Student



Arturo Francisco Ruiz Mercado

Leaders



Prof. Marko Andrade Uzieda

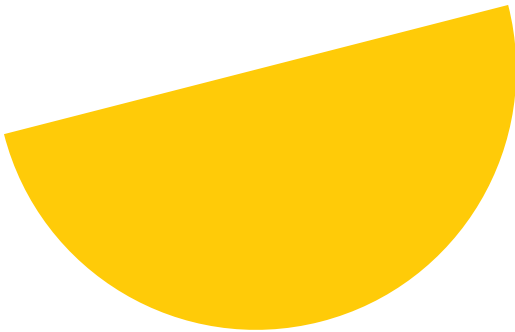
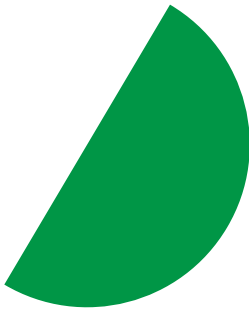
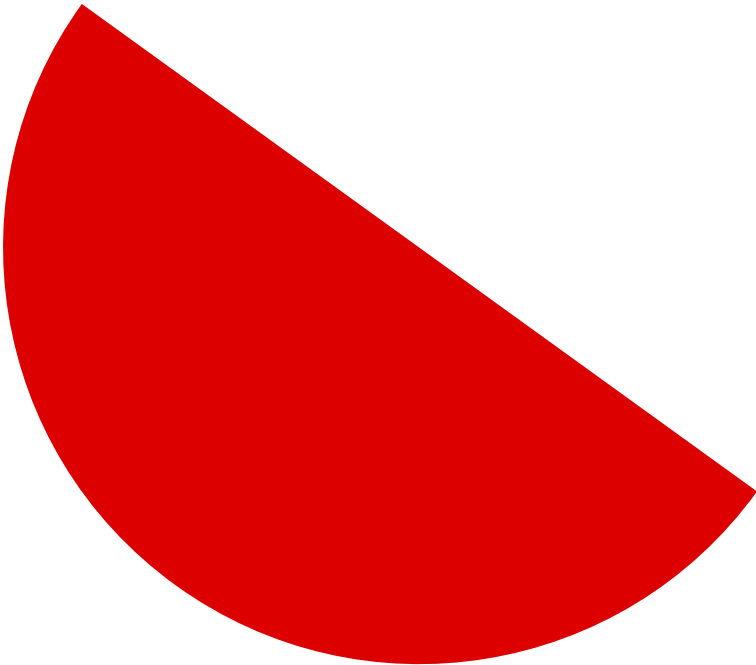


Dr. Evaristo Mamani Carlo

Invigilator



Prof. Marco Antonio Taquichiri Torrez





Bosnia and Herzegovina

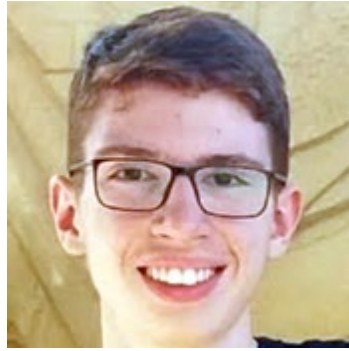
Students



Marko Vučić



Ismail Brkić



Fatih Žgalj



Dženan Midžić

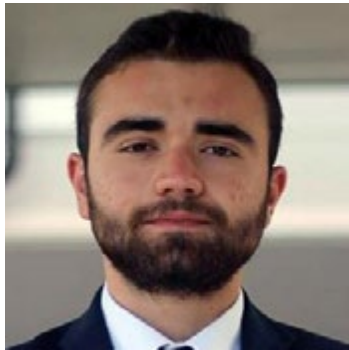


Adin Frljak

Leaders



Benjamin Fetić



Admir Papić

Invigilators



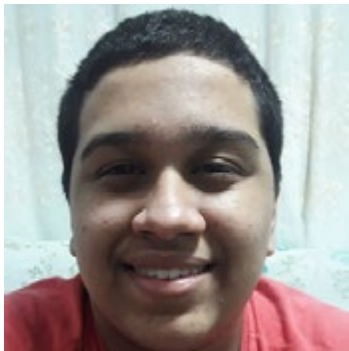
Davor Bokan



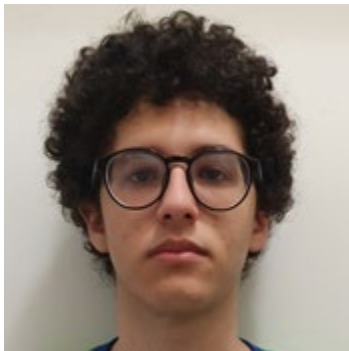
Farah Hesham Nafi



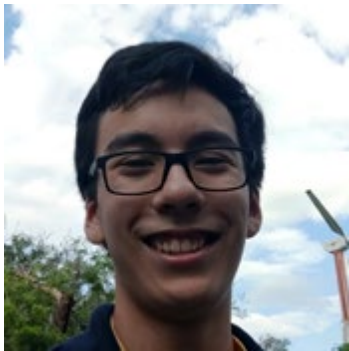
Students



Caio Augusto Siqueira Da Silva



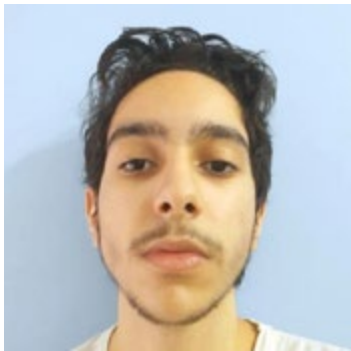
Ualype De Andrade Uchoa



Lucas Takayasu



Thiago Frota Maranhão



Alex Carneiro De Sousa

Leaders



Prof. Ricardo Andreas Sauerwein



Prof. Ivan Guilhon Mitoso Rocha

Invigilator



Prof. Mário César Soares Xavier

Observers



Prof. Lucas Lourenço Hernandes



Prof. Edney Melo Rodrigues



Prof. Maria Luiza Miguez

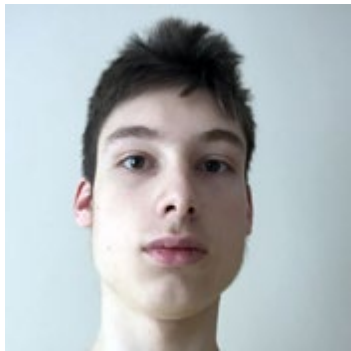


Bulgaria

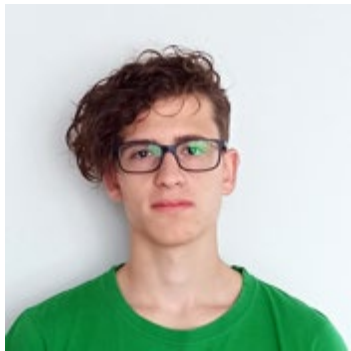
Students



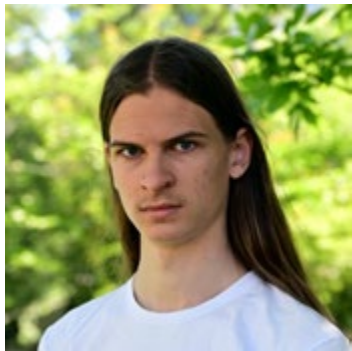
Aleksandar Prodanov



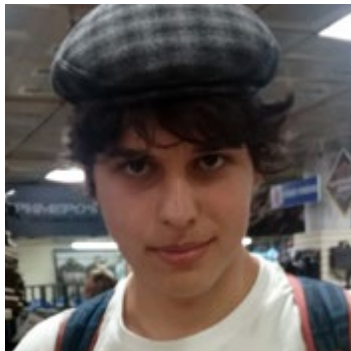
Aleksandar Iliev



Viktor Vasilev



Vasil Nikolov



Yavor Yordanov

Leaders

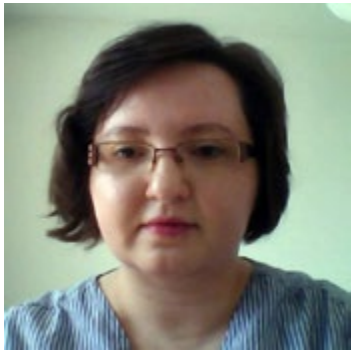


Prof. Miroslav Abrashev

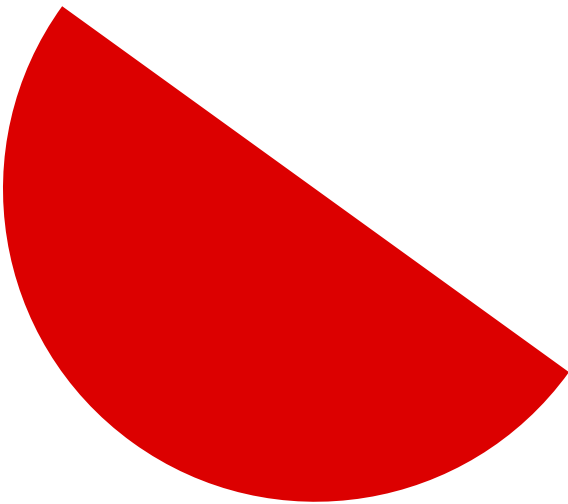
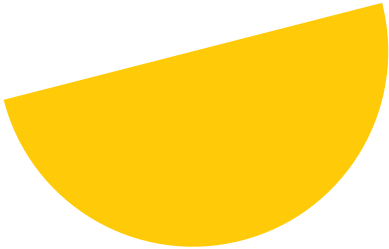


Dr. Neno Todorov

Invigilator



Igluka Asenova





China

Students



Zhihan Zhang

Jingzhe Shi

Yinghao Ma

Xiang Li

Ming Jian

Leaders



Prof. Yu An

Prof. Shuo Jiang

Invigilators



Wanchen Liang

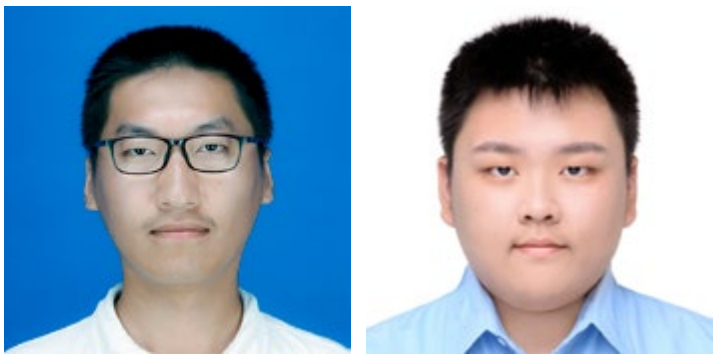
Lin Tang

Liuwan Zhang

Xubo Guo

Dong Ruan

Invigilators



Liu Yang

Haoyang Yu



Students



Constantinos Frangoulides



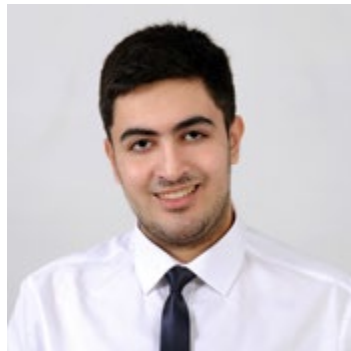
Christos Falas



Eleni Ioannou



Giorgos Papachristodoulou



Charalampos
Charalampous

Leaders



Theodoros Aslanidis

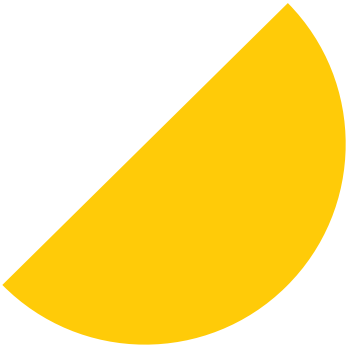
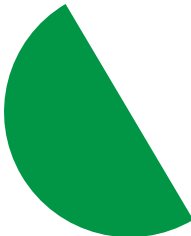


Constantina Kountouri

Invigilator



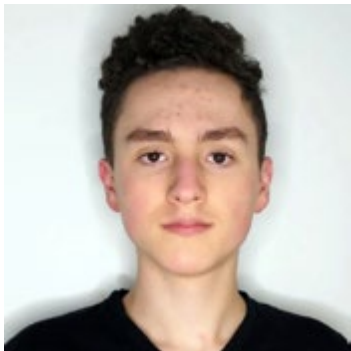
Antreas Antoniou





Colombia

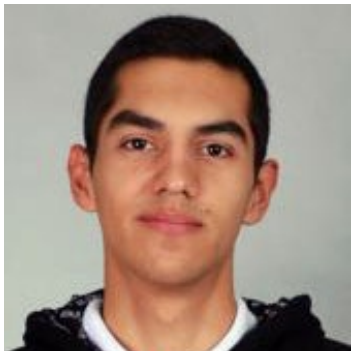
Students



Miguel Angel Arbelaez
Llano



Alejandra Duran Urriago



Agustin Cabrera Lopez



Juan Esteban Carlier
Blanco



Juan Jose Lozano Gonzalez

Leaders

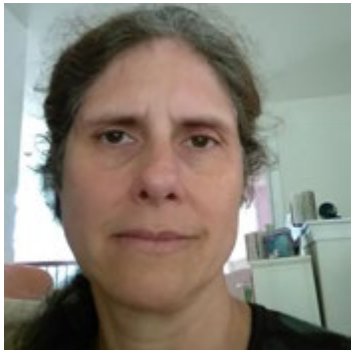


Prof. Fernando Vega
Salamanca

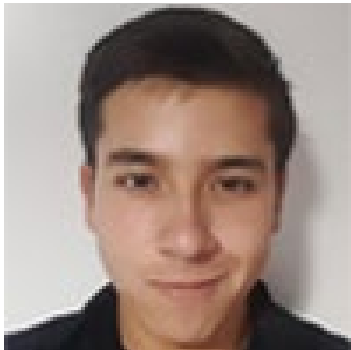


Prof. Eduardo Zalamea
Godoy

Invigilators



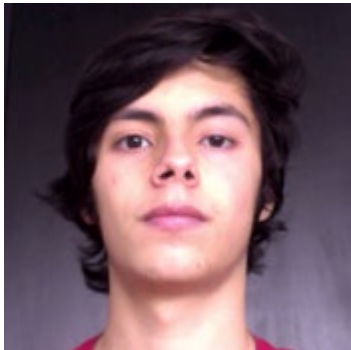
Dr. Maria Elizabeth Losada



Jose Betancourt



Gabriel Mateo Mejia
Sepulveda



Christian David Forero
Pulido

Observer



Prof. Elena Patricia Losada
Falk



Croatia

Students



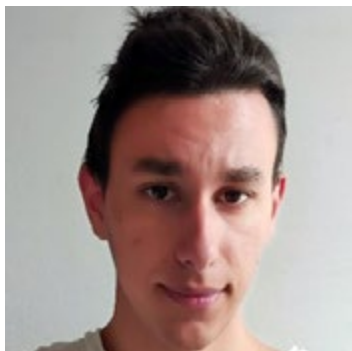
Luka Passek-Kumerički



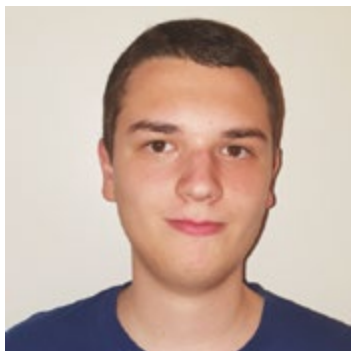
Borna Perkovic



Grgur Premec



Roko Supe



Filip Vucic

Leaders



Dr. Nikolina Novosel



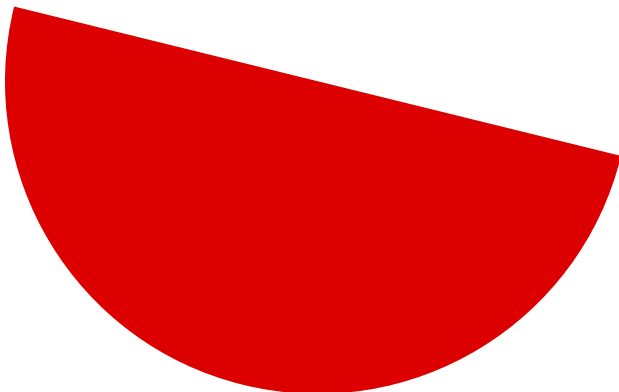
Prof. Zeljko Skoko



Invigilator



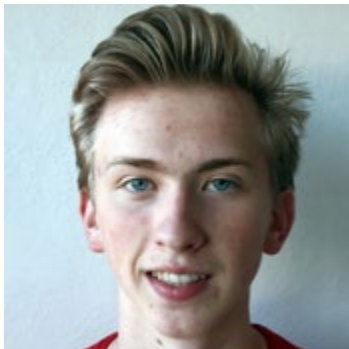
Prof. Kreso Zadro



Students



Matěj Dvořák



Jiří Kohl



Hynek Jakeš



Adam Mendl



Marek Fürst

Leaders



Dr. Filip Studnička

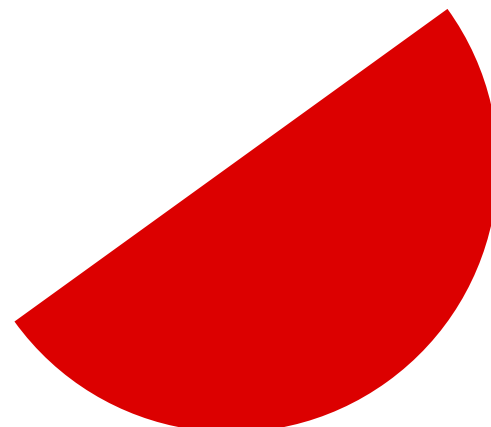
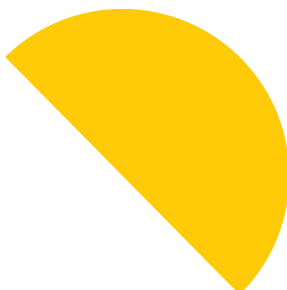
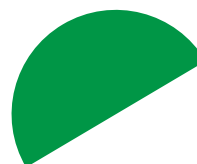


Dr. Jan Šlégr

Invigilator



Dr. Jan Kříž



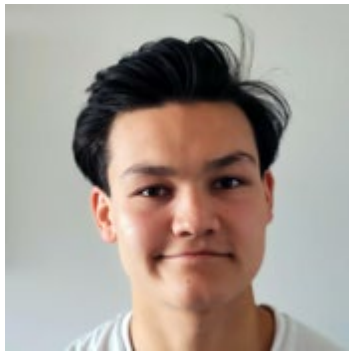
Students



Sebastian Hviid-Mahon



Thorbjørn Valdemar Ræder
Clausen



Sebastian Plank Aagaard



Alfred August Grubert

Leaders



Dr. Michael William
Hagemann Brix Pedersen



Dr. Jens Ulrik Lefmann

Invigilators



Niels Christian Hartling



Sebastian Tim Holdum



Cairui Duan

Students



Mohamed Ebrahim
Abdelmigid



Saif Ahmed El-Sayed Abd
El-Fattah



Mohammad Sobhy



Mahmoud ElneZely

Leader

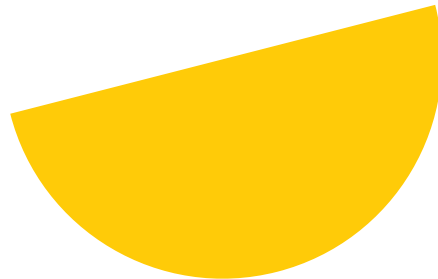
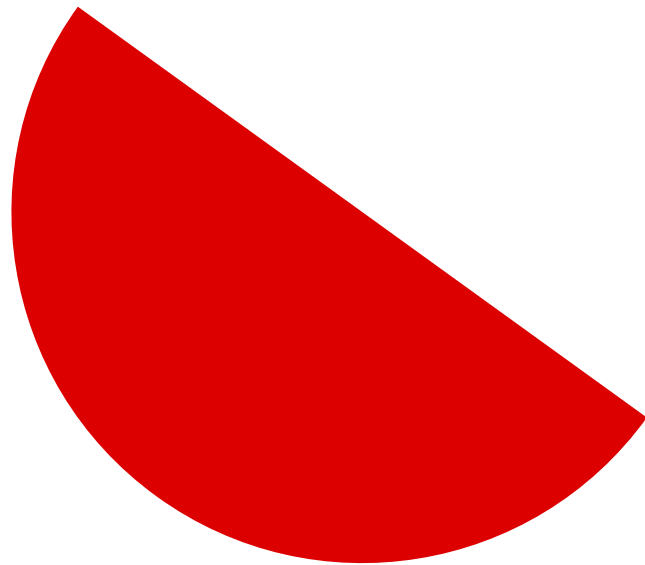


Mohamed Sharnouby

Invigilator



Maha Rabih





El Salvador

Students



Keisy Nicol Ventura Gomez



Sergio Alberto Miranda Caceres



Sebastian Andres Arevalo Aguirre



Nelson Javier Quijada Mendoza



Ivan Ernesto Perez Mejia

Leaders



Miguel Antonio Castro Hernandez

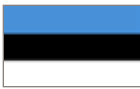


Bryan Alexander Escalante Castro

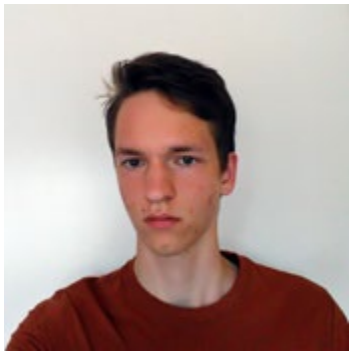
Invigilator



Jose Roberto Dimas Valle



Students



Simon Selg



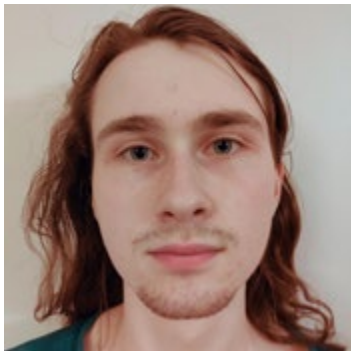
German Lužin



Uku Andreas Reigo



Joonatan Ristmäe



Richard Friedrichs

Leaders



Mihkel Kree



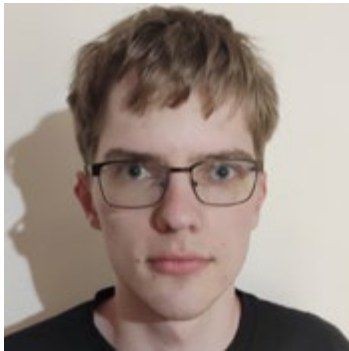
Andres Põldaru

Invigilator



Andreas Valdmann

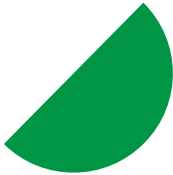
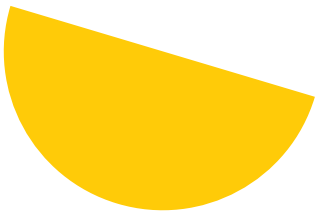
Observers



Taavet Kalda



Kaarel Kivisalu





Finland

Students



Henri Kärpijoki



Eppu Leinonen



Niklas Keckman



Aaro Niinistö



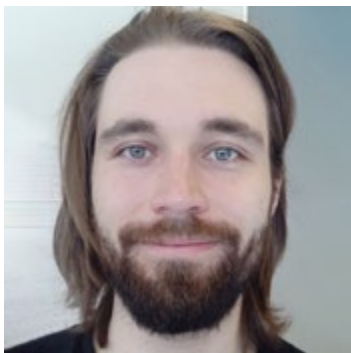
Anton Petaja

Leader

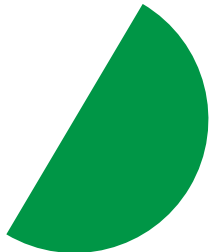
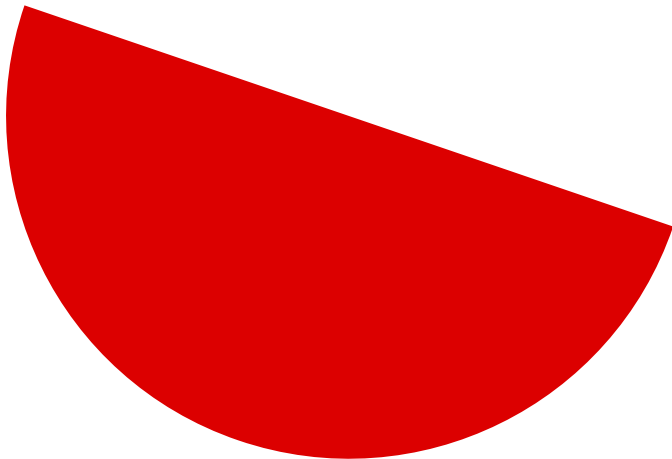
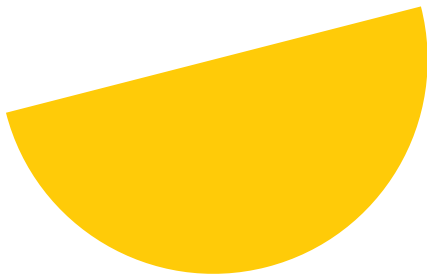


Dr. Lasse Aatos Franti

Invigilator



Topi Löytäinen



Students



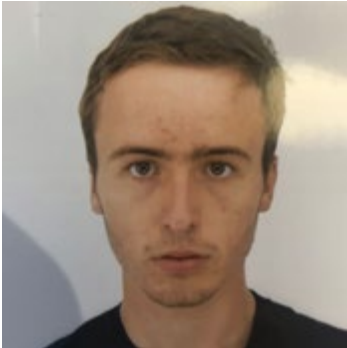
Maximilien Bonneau



Benoît Fanton



Alexandre Fouquet



Alexandre Prats



Matthieu Weickmans

Leaders



Dr. François Vandenbrouck



Dr. Nicolas Schlosser

Invigilators



Dr. Nicolas Couchoud



Sophie Rémy



Georgia

Students



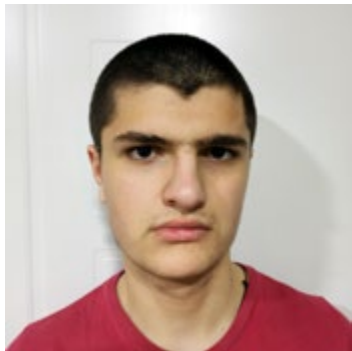
Andria Manjavidze



Nikolai Maltsev



Dachi Tshotashvili



Irakli Ugulava



Nikoloz Nikuradze

Leaders



Ramaz Khomeriki

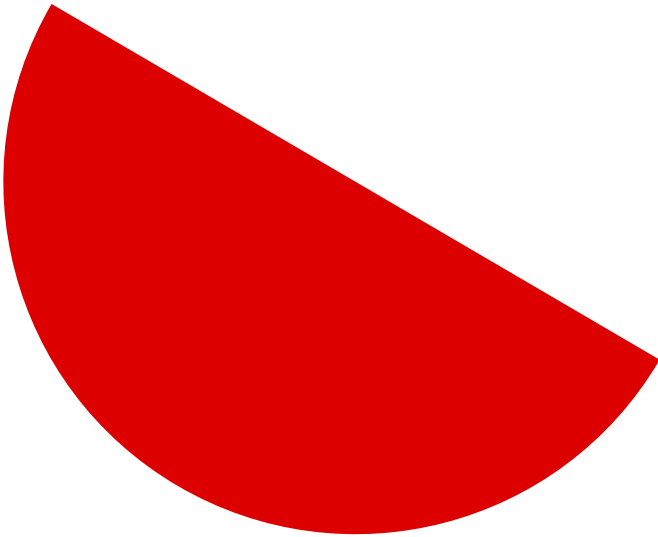
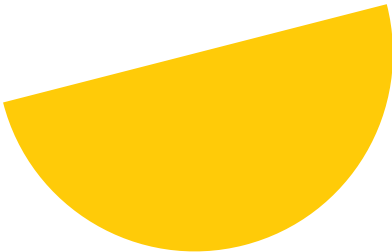


Grigol Peradze

Invigilator



Giorgi Tsotsoria



Students



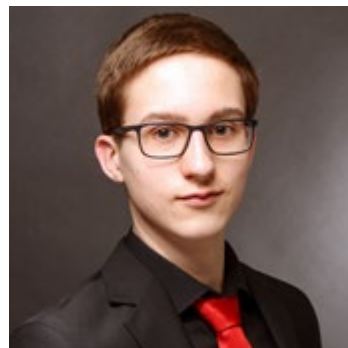
Andreas Feuerfeil



Anton Tizian Haas



Jonas Hübner



Théo Lequy



Seán Sdahl

Leaders



Johannes Felix Martin
Rothe



Axel Boeltzig

Invigilators



Dr. Stefan Petersen



Paul Leon Tschisgale



Greece

Students



Marios Gavriil Petrakis



Erifyli Despoina Prousalidi



Geralnto Balla



Stella Aikaterini Kyriakoydi

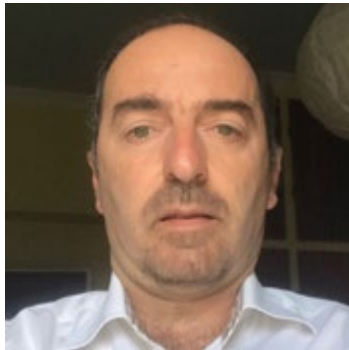


Frideriki Stampourlou

Leaders



Dr. Panagiotis Tsakonas

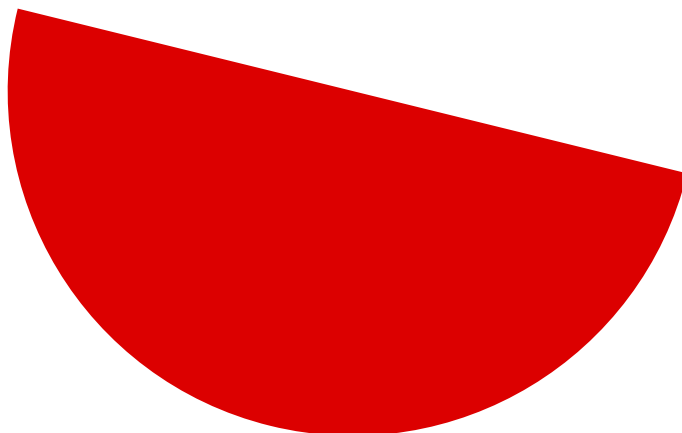
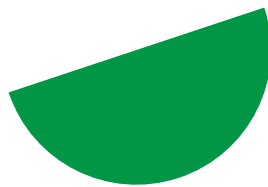
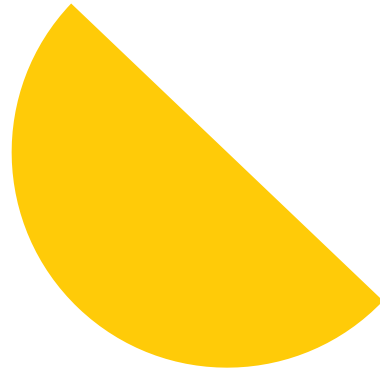


Dr. Alexandros Kateris

Invigilator



Prof. Ektor Emmanouil
Nistazakis





Students



Sze Chun Lau



Wai Ching Choi



Yat Long Cheng



Chun Fung Leung



Tsz Chun Chan

Leaders



Dr. Ting Pong Choy



Prof. Gyu Boong Jo

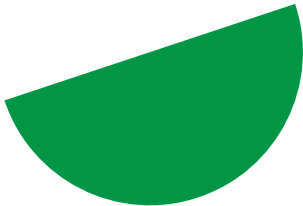
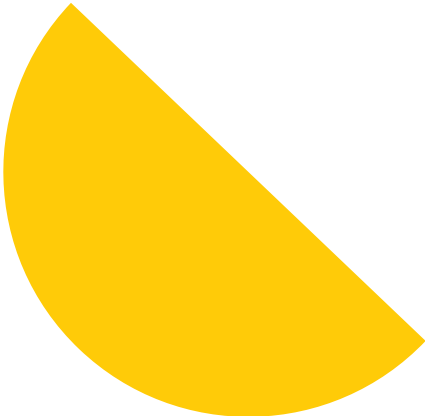
Invigilators



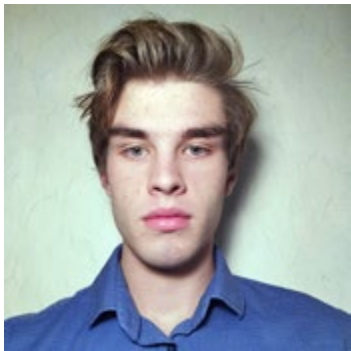
Prof. Tian Wen Chen



Dr. Man Fung Cheung



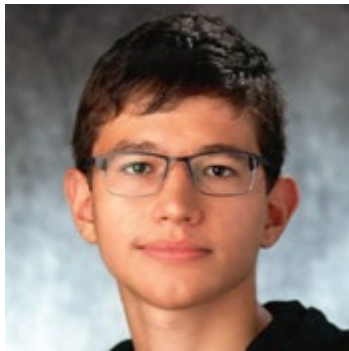
Students



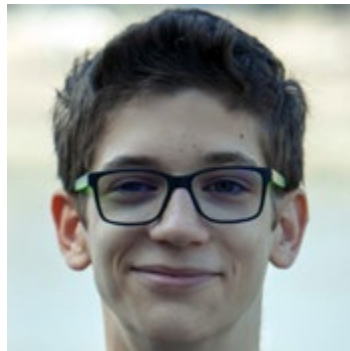
Endre Bokor



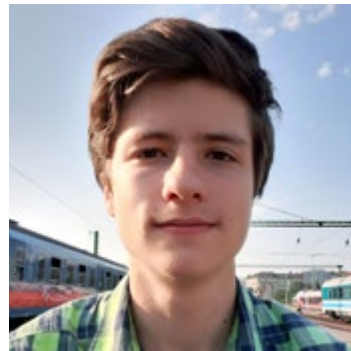
Balázs Bonifert



Balázs Csaba Kovács



Ábel Levente Tóth



Vázsony Varga

Leaders



Dr. Máté Vigh



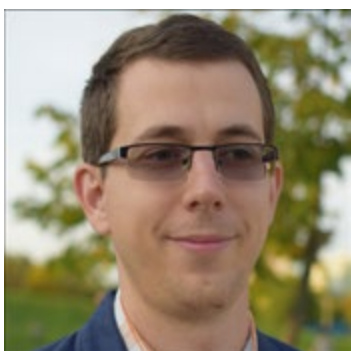
Dr. Krisztián Szász

Invigilator



Dr. Tamás Péter Tasnádi

Observer



Dr. Gábor Széchenyi

Students



Jón Valur Björnsson



Hildur Gunnarsdóttir



Hilmir Vilberg Arnarsson



Teresa Ann Frigge



Oliver Sanches

Leaders



Prof. Ingibjörg
Haraldsdóttir



Prof. Matthias Harksen

Invigilators



Prof. Unnar Arnalds



Viðar Ágústsson

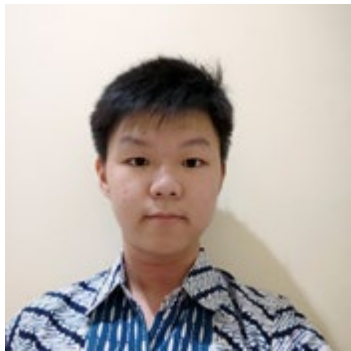


Indonesia

Students



Dean Hartono



Edward Humianto



Joseph Oliver Lim



M. 'Anin Nabail 'Azhiim



Mario Alvaro

Leaders



Dr. Mohammad Syamsu Rosid



Dr. Rinto Anugraha Nur Qomaru Zaman

Invigilators



Dr. Adam Cahaya



Ilim Ibrahim Umar

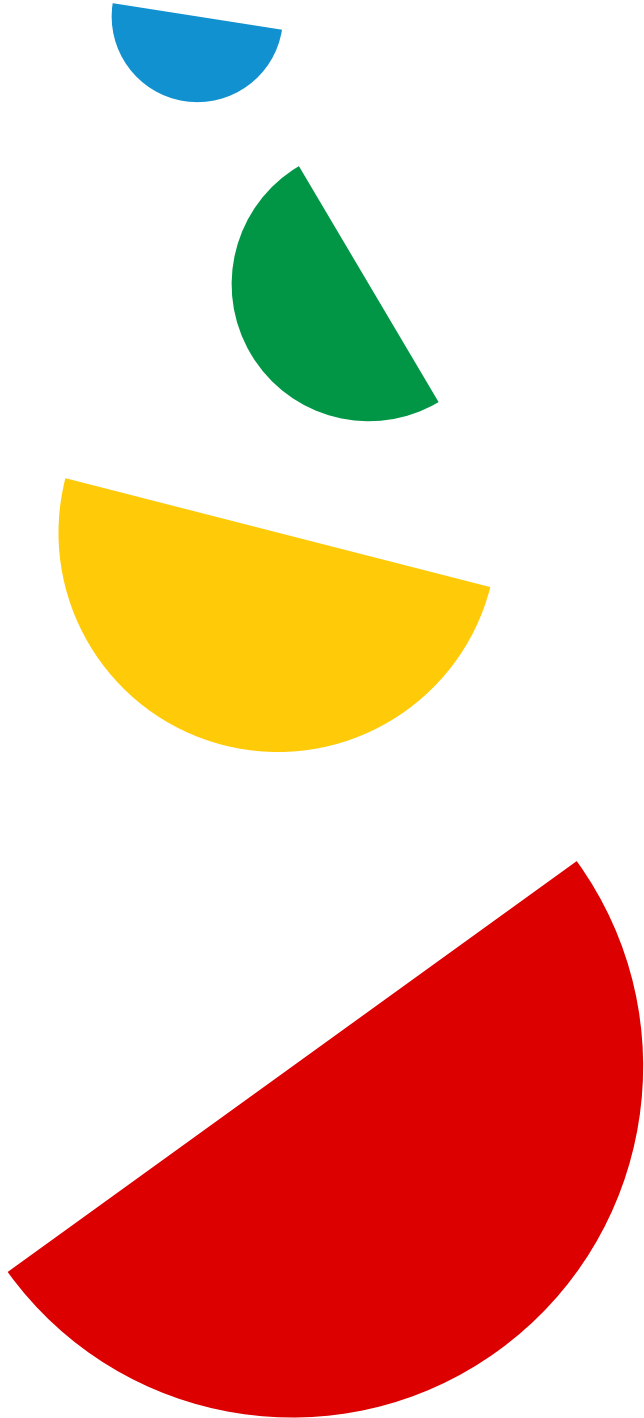
Observers



Dr. Budhy Kurniawan



Prof. Bobby Eka Gunara





Iran

Students



Nika Zahedi



Alireza Sour



Hassan Kazemi



Borna Khodabandeh



Pouya Lahabi

Leaders



Prof. Ahmad Shirzad



Prof. Mehdi Saadat

Invigilator



Bahram Madadi

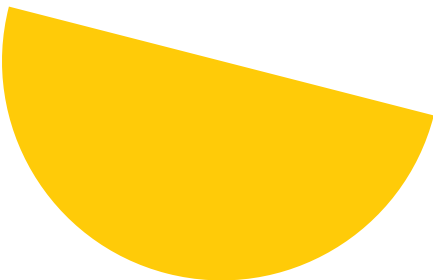
Observers



Dr. Majid Fathi



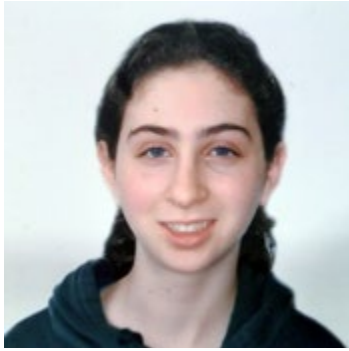
Alireza Noroozshad





Israel

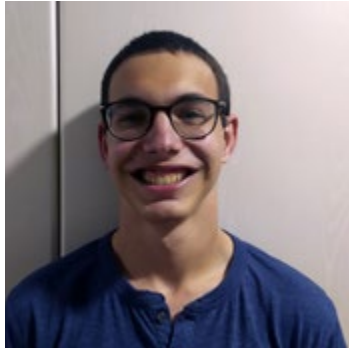
Students



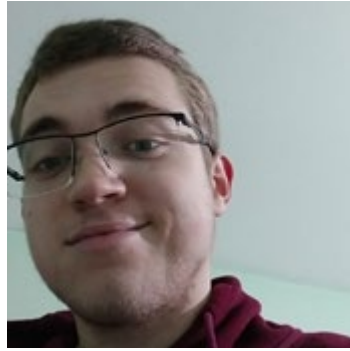
Reut Shifra Goldberg



Lior Bar Hillel



Dolev Ronen

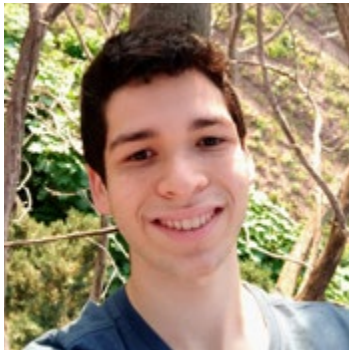


Sean Tcherniaev



Tamir Shpiro

Leaders



Aviv Tillinger



Dr. Itamar Hason

Invigilators



Eli Meril

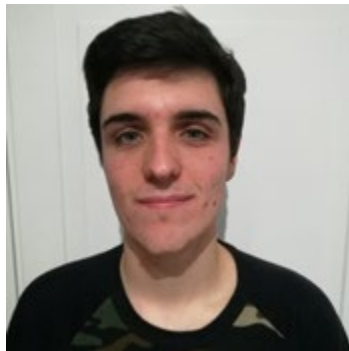


Yonatan Aharoni

Students



Martino Barbieri



Daniele Fedeli



Marco Catapano



Giacomo Calogero



Dariel Vllamasi

Leaders

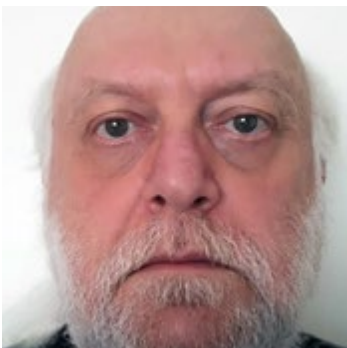


Dr. Dennis Luigi Censi



Dr. Alberto Meroni

Invigilators



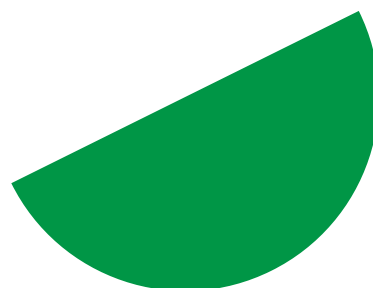
Dr. Angelo Angeletti



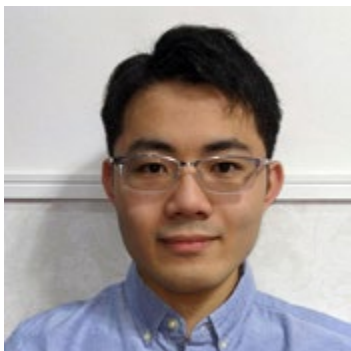
Dr. Stefano Bolzonella



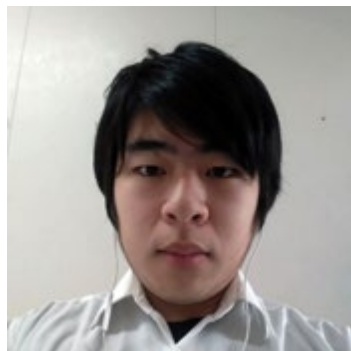
Dr. Francesco Minosso



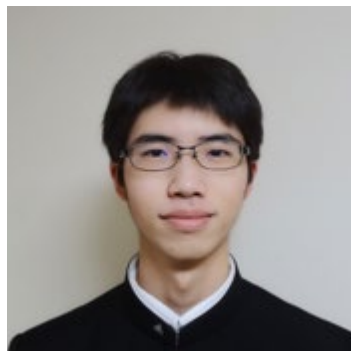
Students



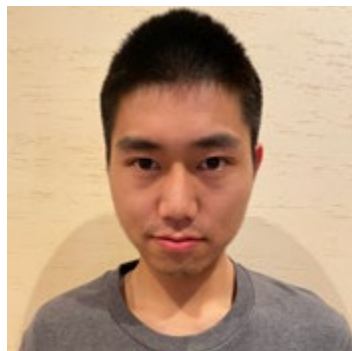
Ryoya Awano



Taiki Itonaga



Koki Kusumoto



Soma Sato



Io Murayama

Leaders



Prof. Hiroo Totsuji



Prof. Masuaki Matsumoto

Invigilators



Prof. Ryugo Hayano



Prof. Yasuhiro Iye

Observers



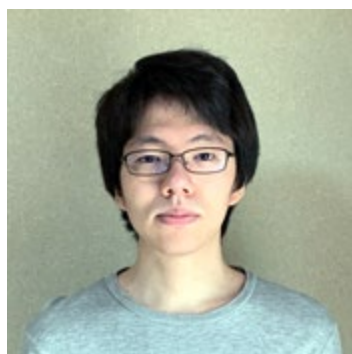
Prof. Susumu Kurihara



Dr. Tadao Sugiyama



Dr. Isao Suzuki



Tomohiro Komiyama



Akihiro Watanabe



Kazakhstan

Students



Dinmukhamed
Rakhimzhanov



Anton Draganchuk



Rauan Kaldybayev



Rizabek Alpamys



Yersultan Pitebay

Leaders



Samat Maxutov



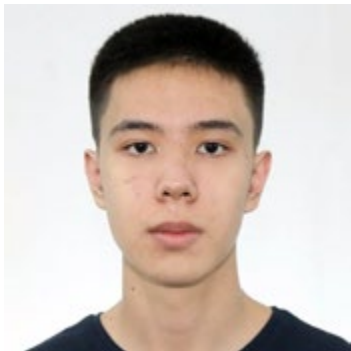
Bekmurza Beisenov

Invigilator



Prof. Askar Davletov

Students



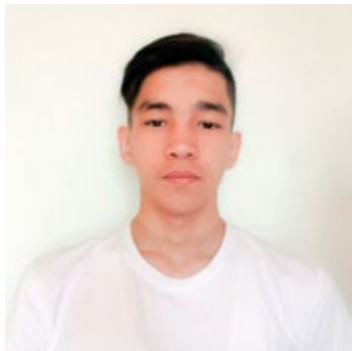
Aidan Kiresheev



Artem Pogorelov



Bekali Gartman



Denis Saparbek uulu



Anel Uskenbaeva

Leaders

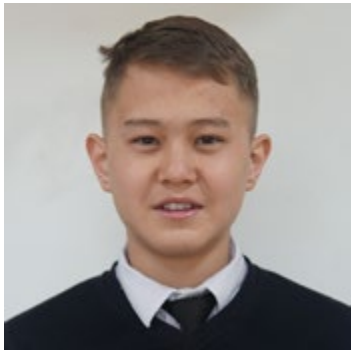


Prof. Raia Sultanalieva



Dokturbek Kudashov

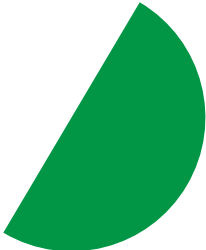
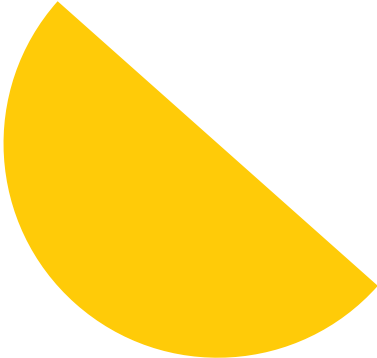
Invigilators



Sultan Sultanidinov



Ramil Salikhar





Korea, South

Students



Kyungmin Kim



Sangyeon Park



Jiwoo Park



Dongchan Shin



Seunghyun Yeo

Leaders



Prof. Moohee Lee



Prof. Gunsang Jeon

Invigilator



Prof. Yunki Kim

Observers



Prof. Yongil Shin



Prof. Seungchul Chae



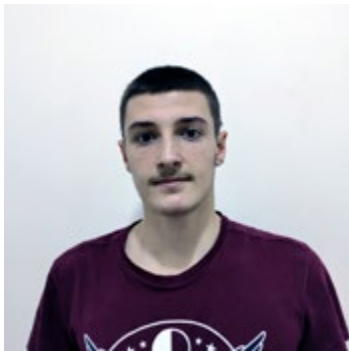
Dr. Soojung Lee



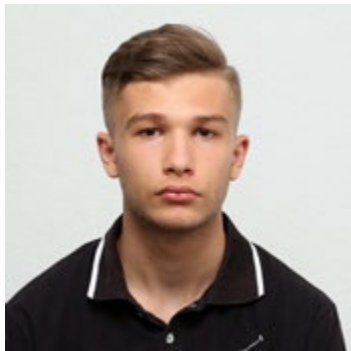
Dr. Hyeok Kim



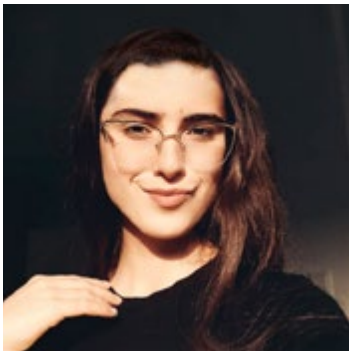
Students



Klevis Imeri



Uran Daku



Elsa Kqiku



Albi Macula

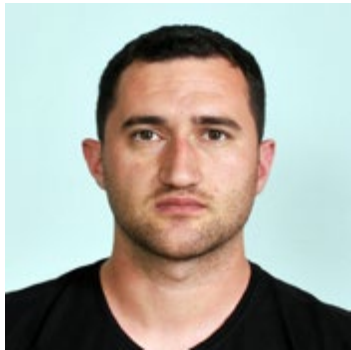


Olt Gashi

Leaders

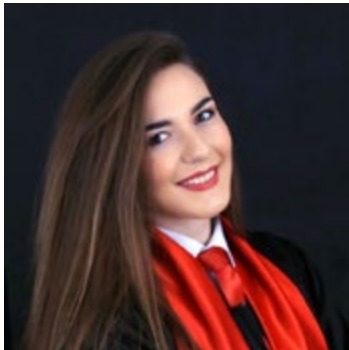


Zeqë Tolaj



Ibrahim Hameli

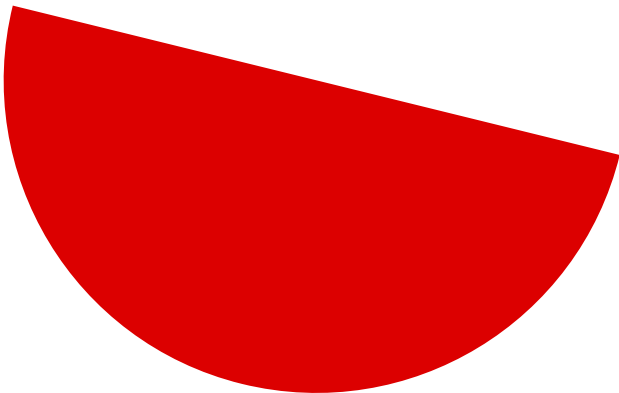
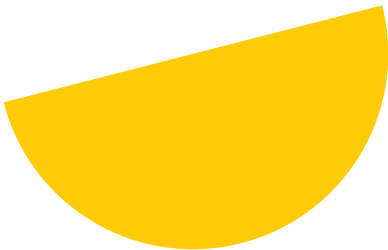
Invigilators



Dodona Hysenaj



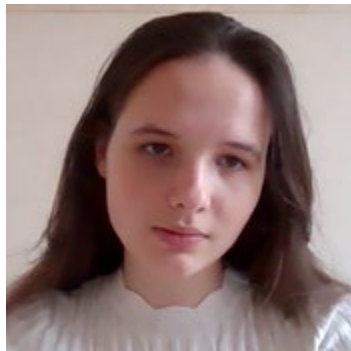
Fjolla Pelaj



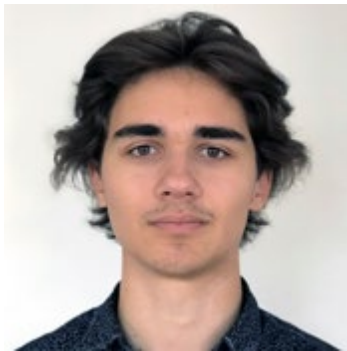
Students



Artūrs Aizstrauts



Agata Kuzņecova



Viesturs Spūlis



Edgars Rūdolfs Vītiņš



Roberts Darkevics

Leaders



Dāvis Zavickis

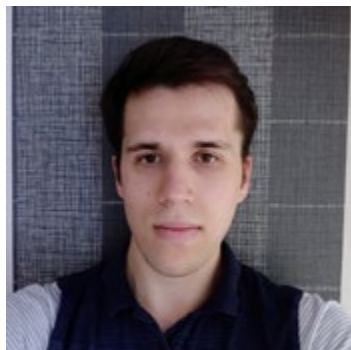


Prof. Vjačeslavs Kaščejevs

Invigilators



Zane Lanka



Mārtiņš Klevs



Students



Emilis Strazdas



Monika Šadauskaitė



Justas Kaminskas

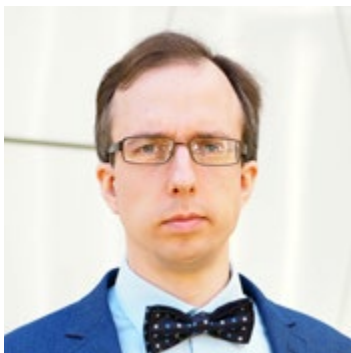


Tadas Danilevičius



Tomas Babelis

Leaders



Dr. Vytautas Jakštas

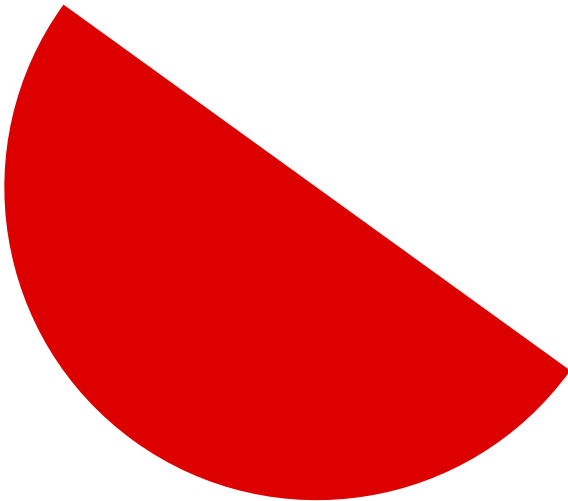
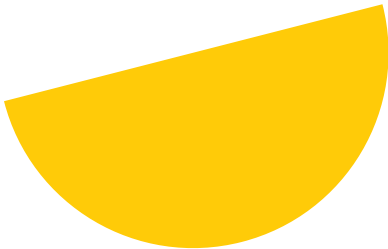


Dr. Mažena Mackoūt-Sinkevičienė

Invigilator



Justas Terentjevas



Students



Joé Weisgerber



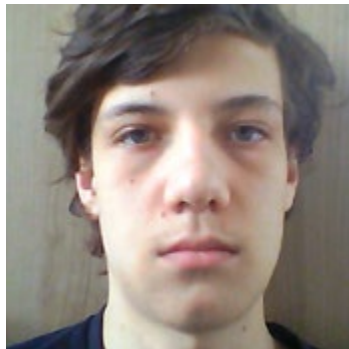
Rafael Dux



Sijie Ma



Max Kimmlingen



Adam Húšťava

Leaders



Annick Hoffmann



Carol Eicher

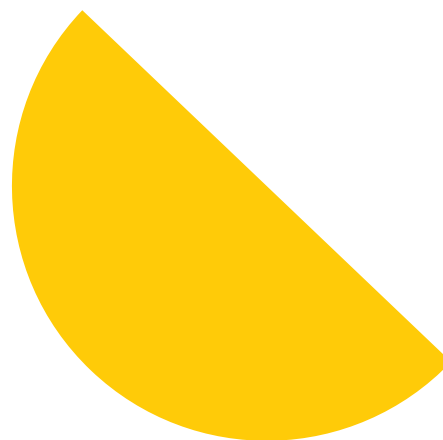
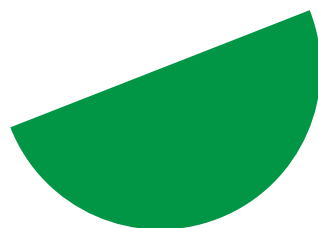
Invigilators



Ben Kasel



Dr. Schmidt Thomas





Students



Lap In Leong



Ka Wa Wong



Chong Un Un



Cheng Peng Cheong



Chon Hin Choi

Leaders



Iat Neng Chan



Si Wu

Invigilator

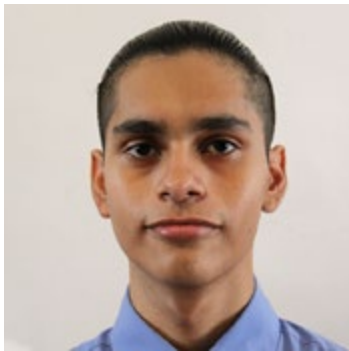


Fok Wa Chan

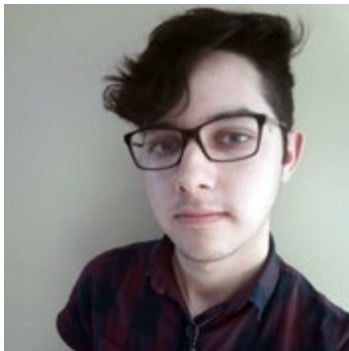
Students



Carlos Elishah Candanosa-Salazar



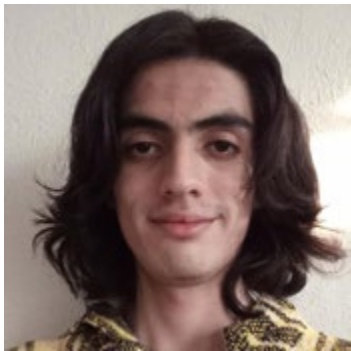
Emmanuel Martínez-Ramos



Hugo Daniel Ramirez-Loya



Daniel Tejada-Saavedra



David Alejandro López-Torres

Leaders



Dr. Rodrigo Pelayo-Ramos



Dr. Eleazar Neri Medina

Invigilator



Dr. Edgar Andrés Sánchez-García

Observers



Prof. Didier Omar Gamboa-Angulo



Prof. Fernando Flores-Ballesteros



Dr. Víctor Manuel Romero-Rochín

Students



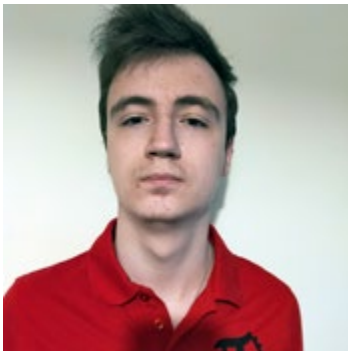
Marius Frija



Ștefan Nicov



Vladimir Secu



Victor Șotropa

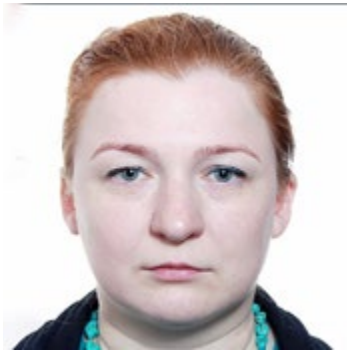


Patrick Căruntu

Leaders



Sergiu Cârliș

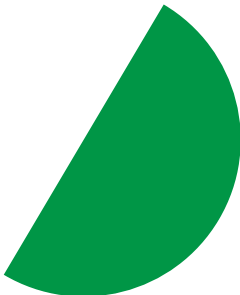
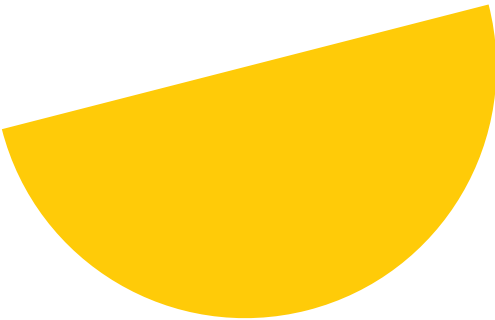
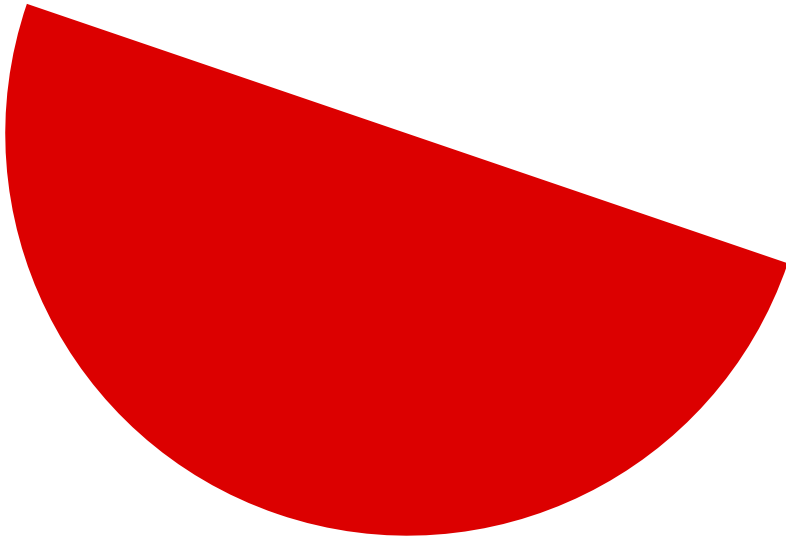


Calina Isacova

Invigilator



Valentina Nicorici





Mongolia

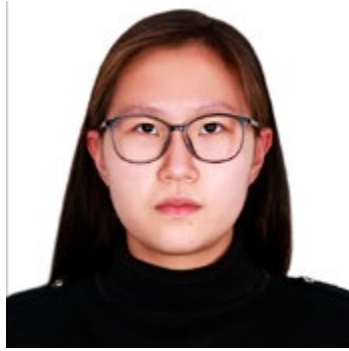
Students



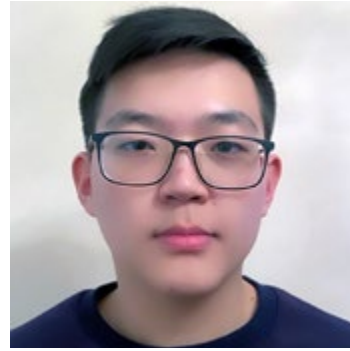
Bilguun Batbayar



Anirchuluu Otgochuluu



Uguumur Tsagaanbayar



Temuulen Baasannorov



Barsbold Enkhbold

Leaders



Tsogbadrakh Namsrai



Dr. Munkhbayar
Gombosuren

Invigilator



Dulmaa Uujinbai

Observers



Ganbat Munkhuu



Nyamsuren Ochirbat



Dr. Enkhbat Nyamsuren



Bat-Otgon Bat-Ochir



Dr. Balt-Erdene
Khishigbadrakh



Montenegro

Students



Luka Ristanović



Matija Pavićević



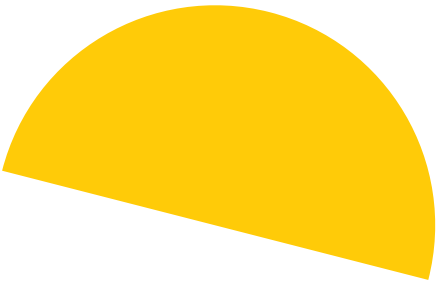
Leaders



Prof. Stevan Đurđević



Dr. Predrag Miranović



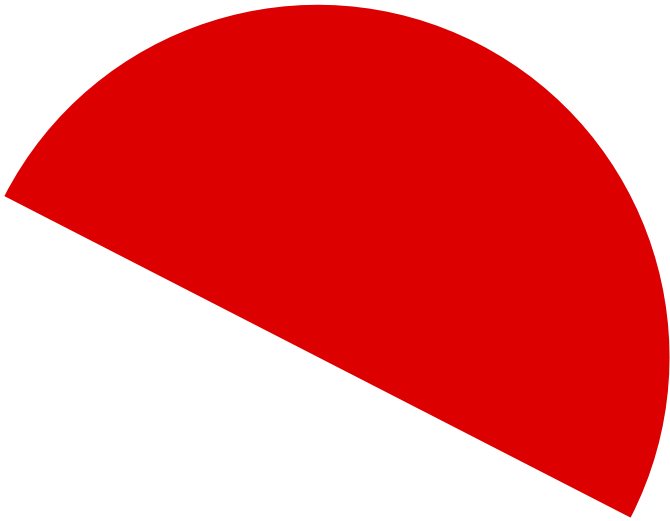
Invigilators



Prof. Tatijana Čarapić



Prof. Momir Radulović



Students



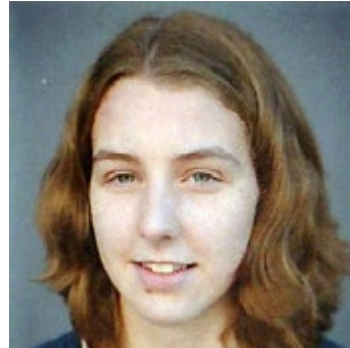
Simon Avontuur



Revi Gerner



Dante Bosgoed



Lotte Hof



Timo Hoogenbosch

Leaders



Arie Hendrik Mooldijk



Jan Enno Van der Laan

Invigilators



Freddie Hendriks



Bouke Jansen

Students



Sagar Baidhya



Sandesh Ghimire



Rahul Gupta



Bibek Khadka



Prakchesh Chalise

Leaders



Prof. Kaphle, Gopi Chandra



Prof. Narayan Prasad
Chapagain

Invigilator



Hari Shankar Mallik

Students



Great Oluwanimilo Banji -
Ojo



Chimzi Jones Ogbonda



Chukwuemeka Daniel
Henry-Chibor



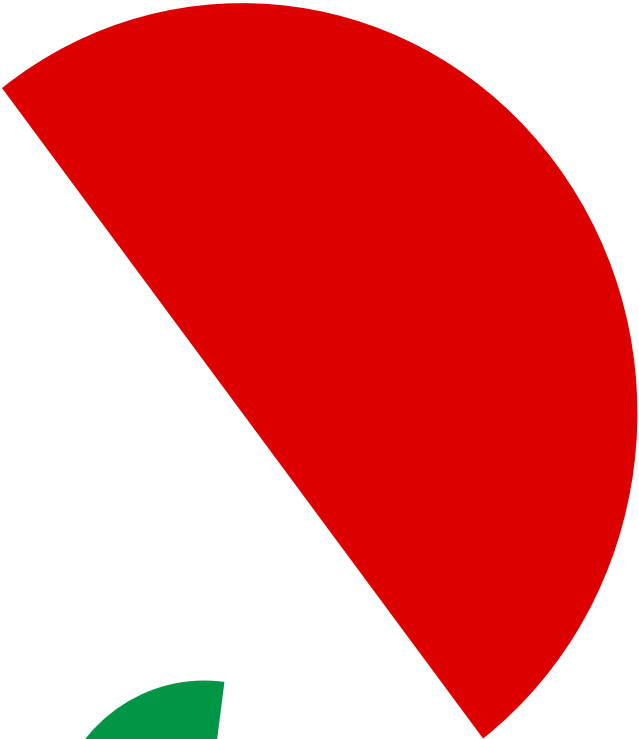
Leaders



Dr. Lewis Obagboye



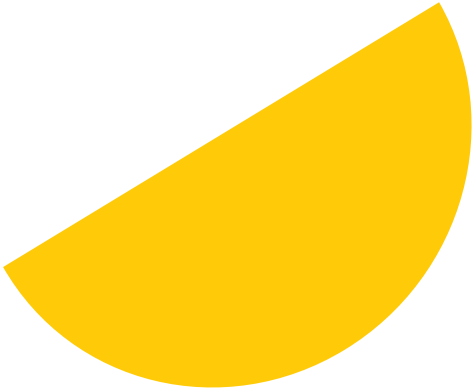
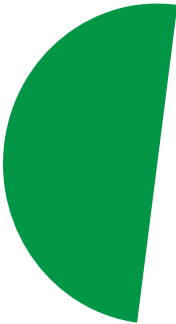
Okorie Okike



Invigilator



Simon Ja'afaru



North Macedonia

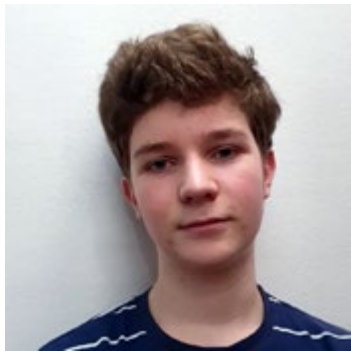
Students



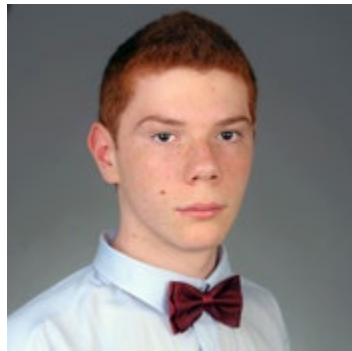
Majkl Georgievski



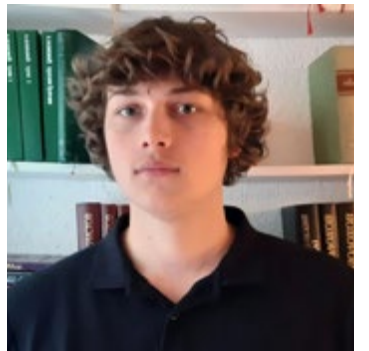
Matej Gelev



Jan Stojanovski



Dimitar Djorlev



Drago Jakimovski

Leaders

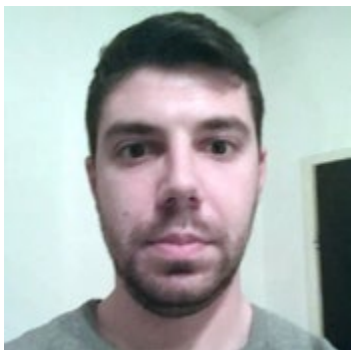


Prof. Lambe Barandovski



Prof. Boce Mitrevski

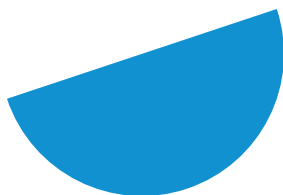
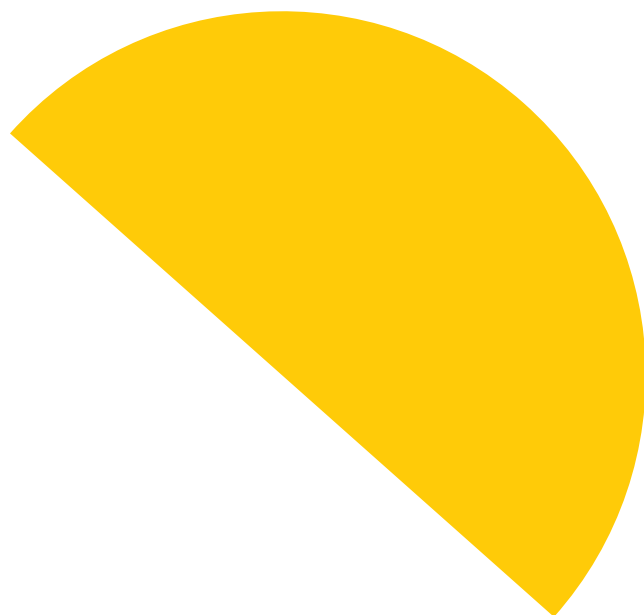
Invigilators



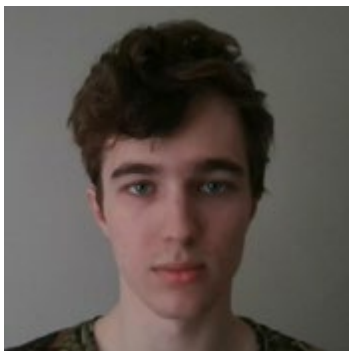
Hristijan Kochankovski



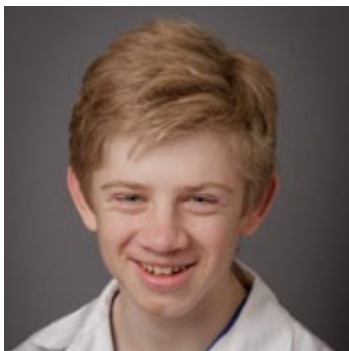
Prof. Aleksandar
Skeparovski



Students



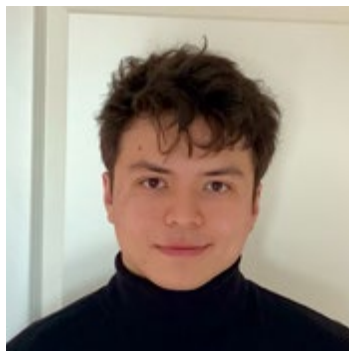
Dorde Veljkovic



Åsmund Runningen



Samuel Klouman Stoknes



Christian Burton Lyng-Olsen



Theodor Ryan

Leaders



Dr. Torbjørn Mehl



Thomas Frågåt

Invigilators



Anders Lauvland



Nikolai Ustad Bjurholt

Observer

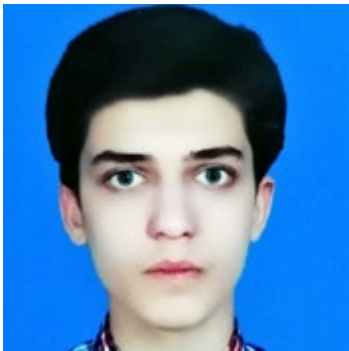


Edvard Johan Skaarberg
Holen

Students



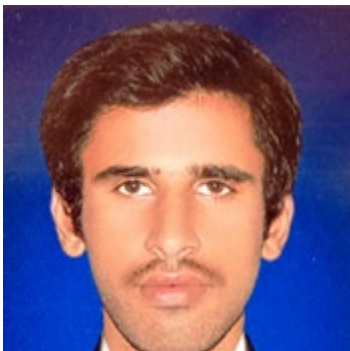
Muhammad Qasim Atiq Ullah



Osman Siddique



Humayl Aslam



Abdul Samian



Rana Shahzaib ur Rehman

Leaders



Dr. Shahid Qamar

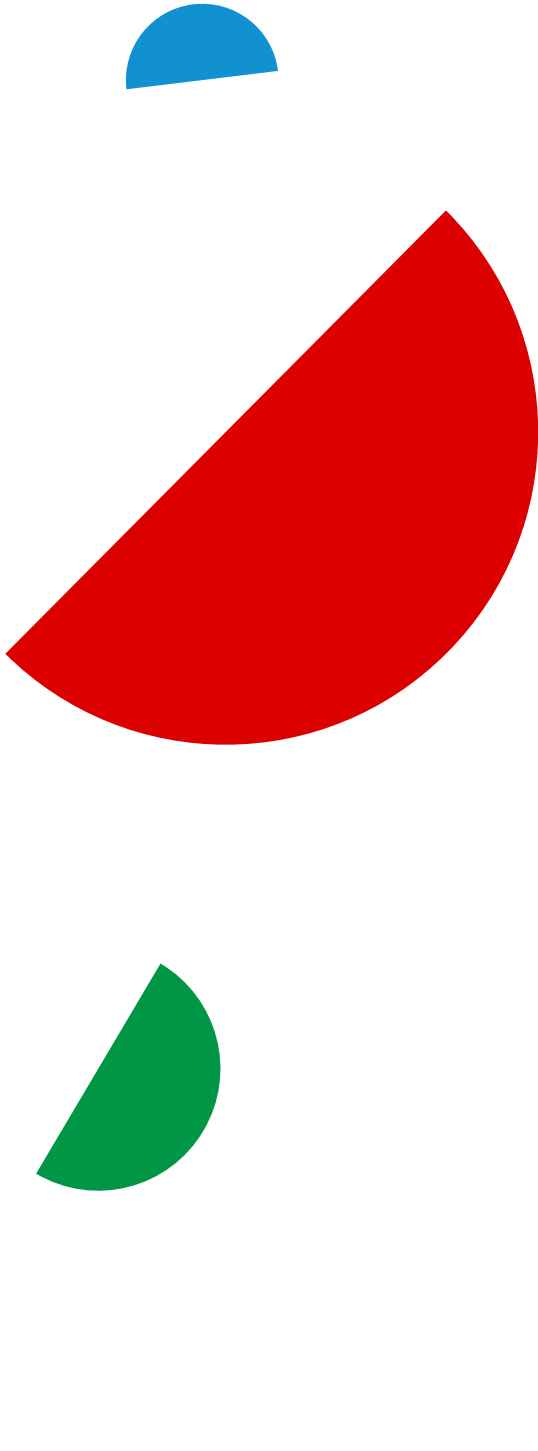


Dr. Aman ur Rehman

Invigilator



Dr. Muhammad aftab Rafiq



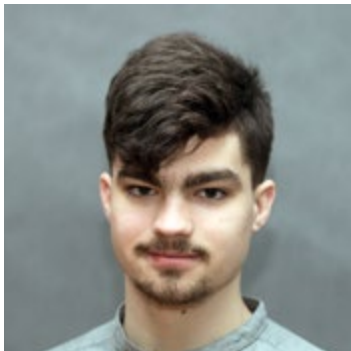


Poland

Students



Emil Kisielewicz



Antoni Krzysztof Grabowski



Antoni Jan Skoczypiec



Miłosz Piotr Matraszek



Piotr Krzysztof Borodako

Leaders



Prof. Jan Mostowski



Dr. Jacek Jasiak

Invigilators



Dr. Tomasz Kazimierzuk



Kacper Oreszczuk



Portugal

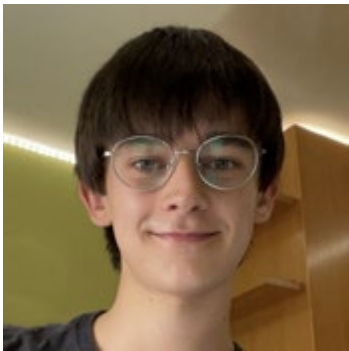
Students



Afonso Oliveira



Gabriel Almeida



Henrique Romão



Afonso Alves



Vasco Cotão

Leaders



Rui Travasso

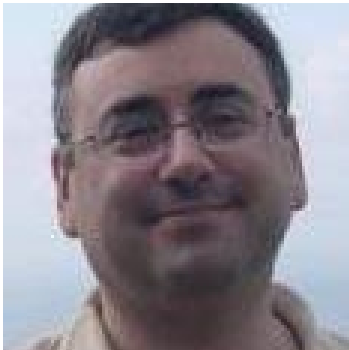


João Carvalho

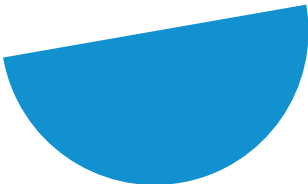
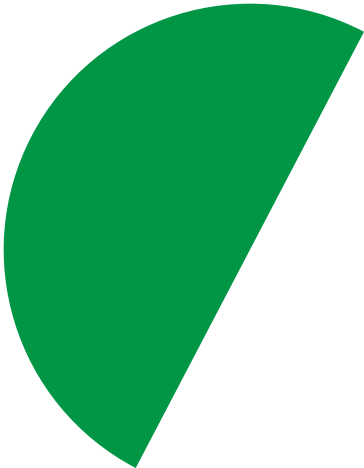
Invigilators



Filipa Borges



José António Paixão



Students



Aditya Gupta



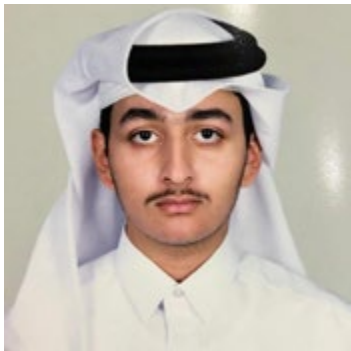
Yousef Al-Sulaiti



Saif Al-Sulaiti



Abdelhameed Mohammed



Mohammed Al-Sulaiti

Leaders



Randah Mahmoud



Sherif Omar

Invigilators



Ahmed Ibrahim



Waleed Mohamed

Observers



Noora Al-Mannai



Rania Alqaisi



Ossama Elsayed

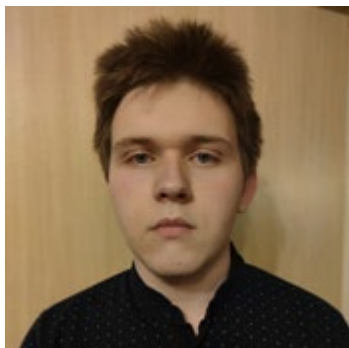
Students



Vlad-Ștefan Oros



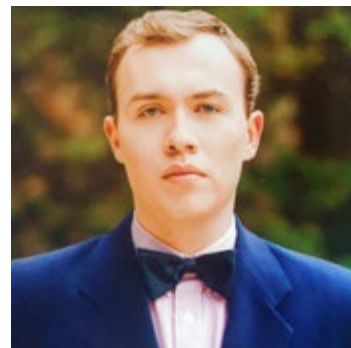
Antonia-Alma Ghiță



Tudor-Gabriel Mocioi



George Cristian Ardeleanu



Ștefan Ștefănescu

Leaders



Dr. Delia Constanta
Davidescu

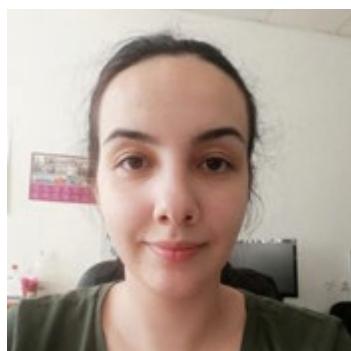


Dr. Adrian Dafinei

Invigilators



Dr. Mitica Dragusin



Roberta Stoica



Tiberiu-Costin Trandafir



Russia

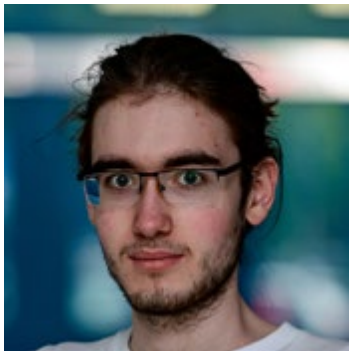
Students



Matvei Kniazev



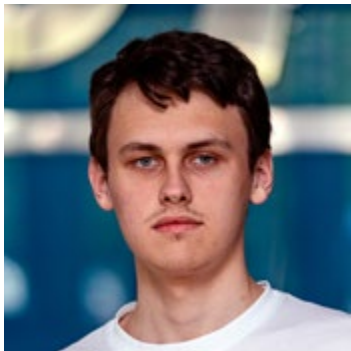
Nikolay Kononenko



Denis Ismagilov



Artemii Novikov



Danila Samodelkin

Leaders



Dr. Mikhail Osin



Dr. Artem Voronov

Invigilators



Svetlana Mamchur



Elena Sokolova



Evgenia Lebedeva



Elena Bazanova



Olga Starostenko

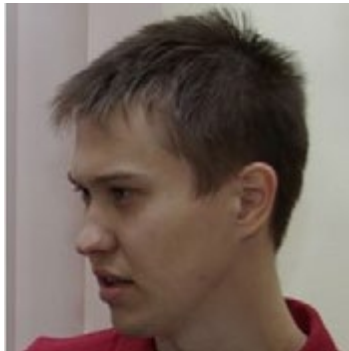
Observers



Dr. Vitaly Shevchenko



Dr. Yury Skakov



Fedor Tsybrov



Arsenii Pikalov



Saudi Arabia

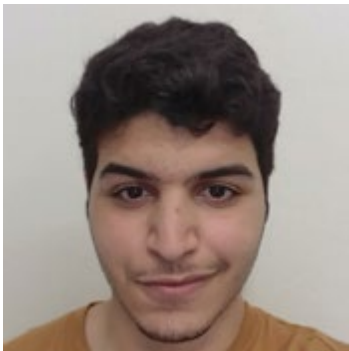
Students



AHMED AL MUHANNA



ALQASEM SENEGALI



Hassan Al Lail



HUSSAIN ALSHAMMASI



Sadeq AlAbbad

Leaders



Talal Alrashidi



Jaan Kalda

Invigilators



Hussin Aamri



Adel Al-Gahdeer

Observers



Dr. Maien Binjonaid



Dr. Emad Raslan

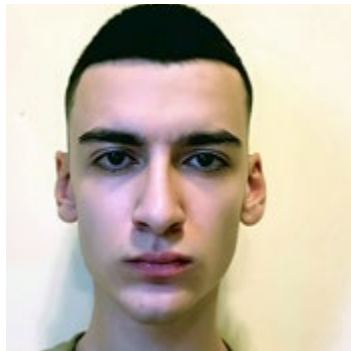


Serbia

Students



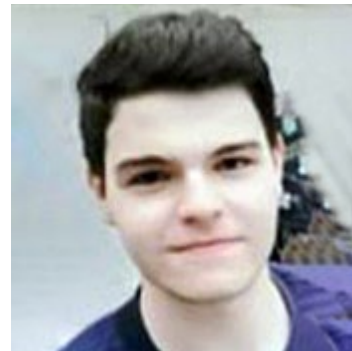
Dušan Beguš



Petar Samardžić



Momčilo Tošić



Jovan Marković



Pavle Pakalović

Leaders



Prof. Vladimir Markovic



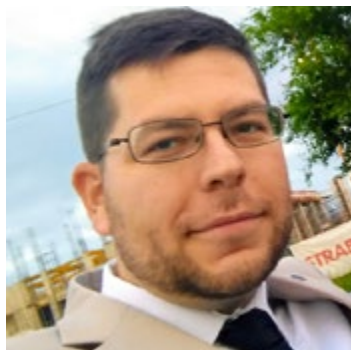
Prof. Milan Kovacevic



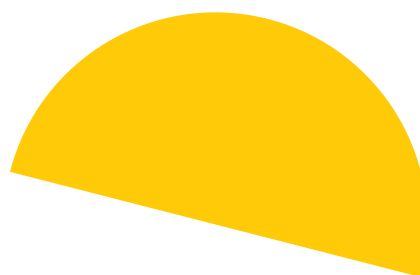
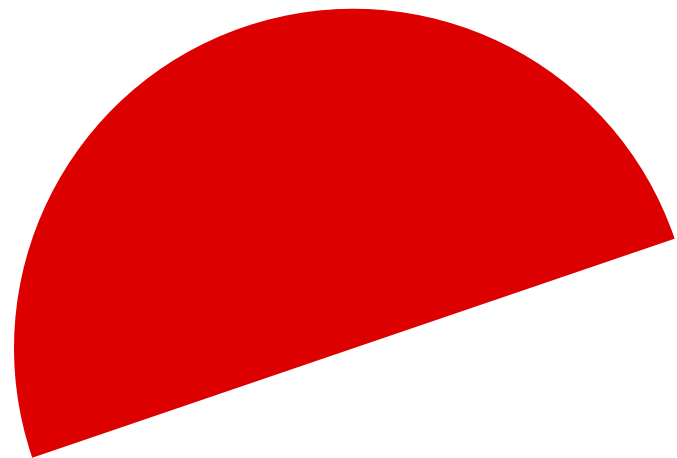
Invigilators



Prof. Nenad Stevanovic



Zeljko Cimbaljevic





Singapore

Students



Lewin Marsh



Akshat Chaudhary



Hui Xiang Sim



Chien Hao Tan



Yunrui Wang

Leaders



Dr. Hoi Nok Tsao

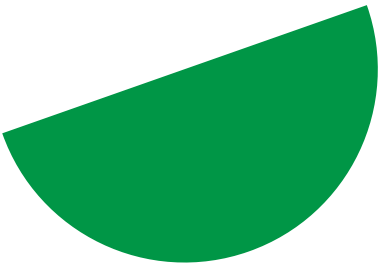
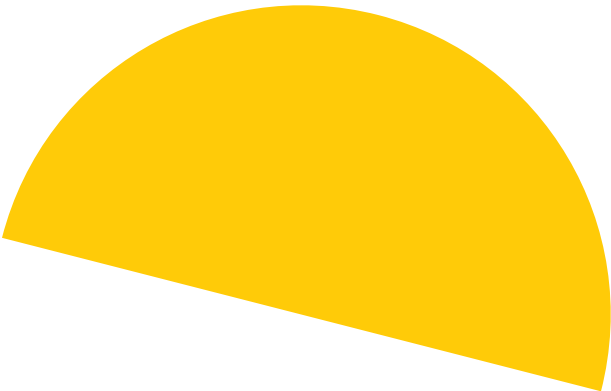


Dr. Da Yang Tan

Invigilator



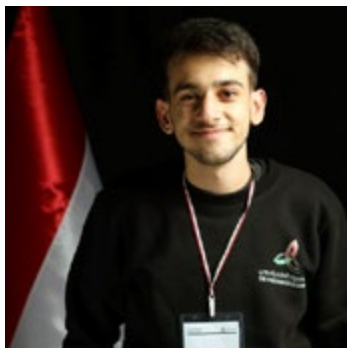
Geok Suan Tan



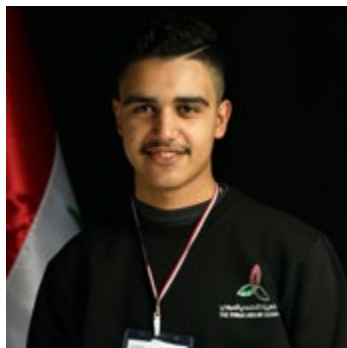
Students



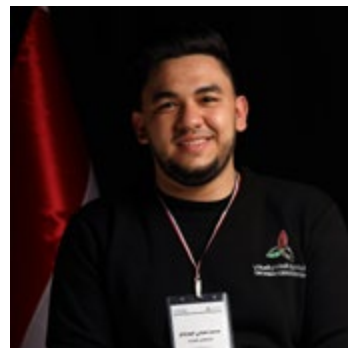
Abdalazeez Jerby



Hadi Salloum



Ammar Ali



M. Subhi Abo Rdan



Abdullah Alhasni

Leaders



Dr. Hammoud Al Ourabi

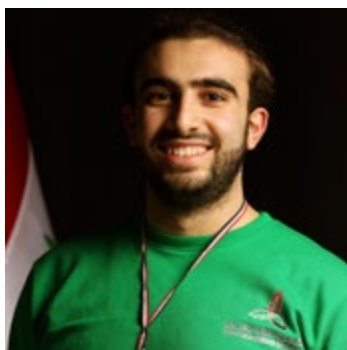


Dr. Akil Salloum

Invigilators



Lara Shabea



Elyas Farah



Khaled Kalalib Alashabi



Dima Al Shaikh Khalil

Observers



Dr. Mazen Hassan



Dr. Mohamed Dib



Dr. Mustafa Eleoui

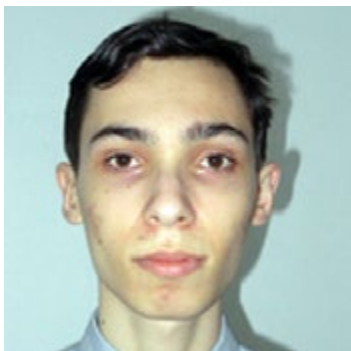


Ghadeer Shaabana



Slovakia

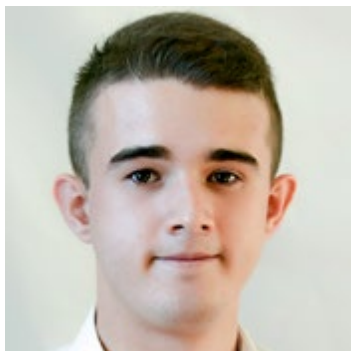
Students



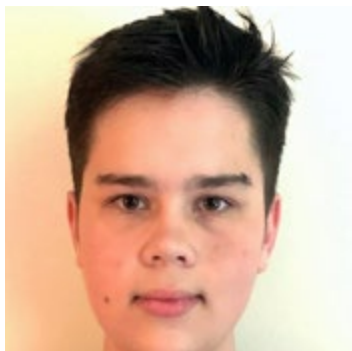
Jozef Csipes



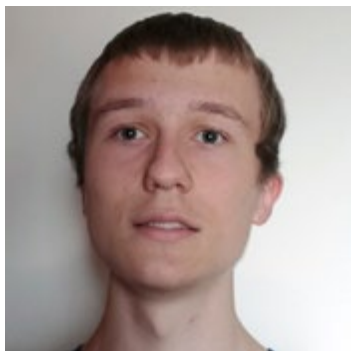
Pavol Šimkovič



Štefan Slavkovský



Adam Džavoronok



Pavol Pivko

Leaders



Prof. Ivo Čáp



Dr. Ľubomír Konrád



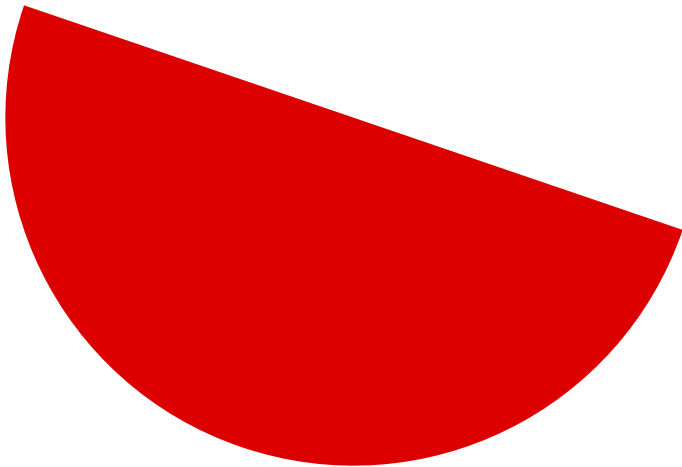
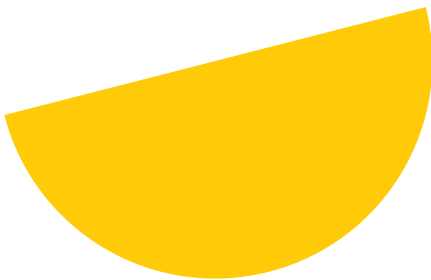
Invigilators



Dr. Ľubomír Mucha



Tomáš Lučivjanský





Slovenia

Students



Nejc Funtek



Simon Bukovšek



Domen Lisjak



Lev Podbregar



Anže Krejan

Leaders



Dr. Jurij Bajc



Dr. Barbara Rovšek

Invigilators



Ivana Polanc



Dr. Saša Ziherl

Observer



Dr. Mitja Zidar

Students



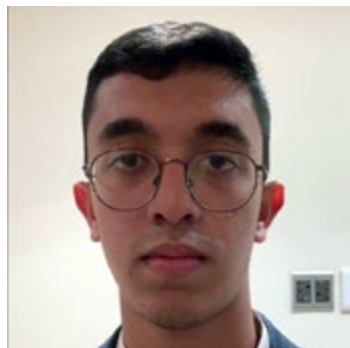
Talha Dada



Aarefah Badat



Nikisha Baboolal



Fayaad Harneker



Muhammad Mahdi Da
Costa

Leaders



Dr. Mervlyn Moodley

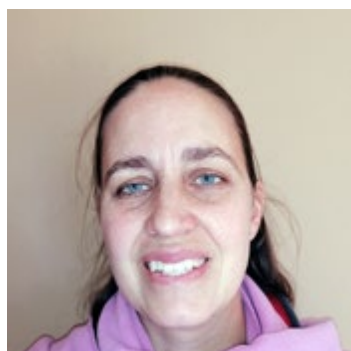


Shihal Muneshar Sapry

Invigilators



Ugur Hulusi Patli



Lauren Naomi Rens



Mahomed Iqbal Shaik



Spain

Students



Javier Sanchez-Bonilla
Martinez



Pablo Moreno García



Brais Rodriguez



Manuel Bartolomé
Melguizo García



Bernat Ibañez Martinez

Leaders



Dr. Antonio Guirao Piñera



Dr. Juan José León García

Invigilators



Cristina Balsells Llor

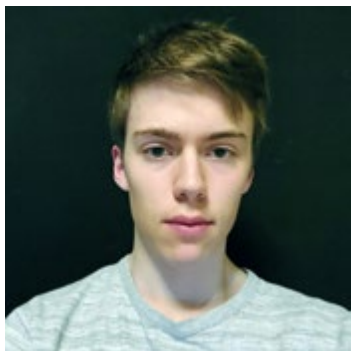


Alejandro Fernández
Muñoz

Students



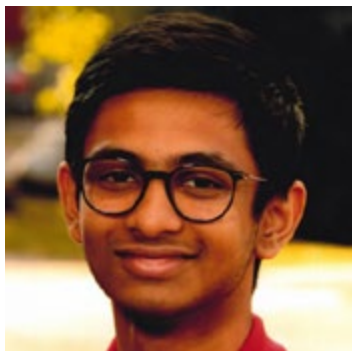
Adam Viktor Johansson



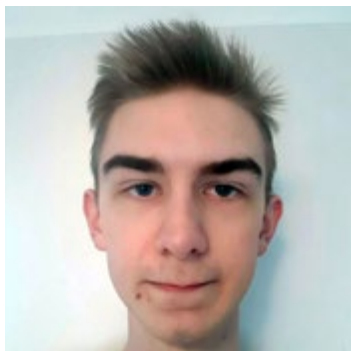
Aki Vilhelm Silander



Sven Ask Harald Hällström



Debdut Sengupta



Liam Alvin Antonsson

Leaders



Dr. Max Bengt Kesselberg



Dr. Bo Peter William
Söderberg

Invigilator

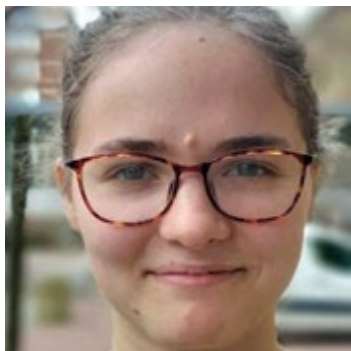


Lennart Küssner

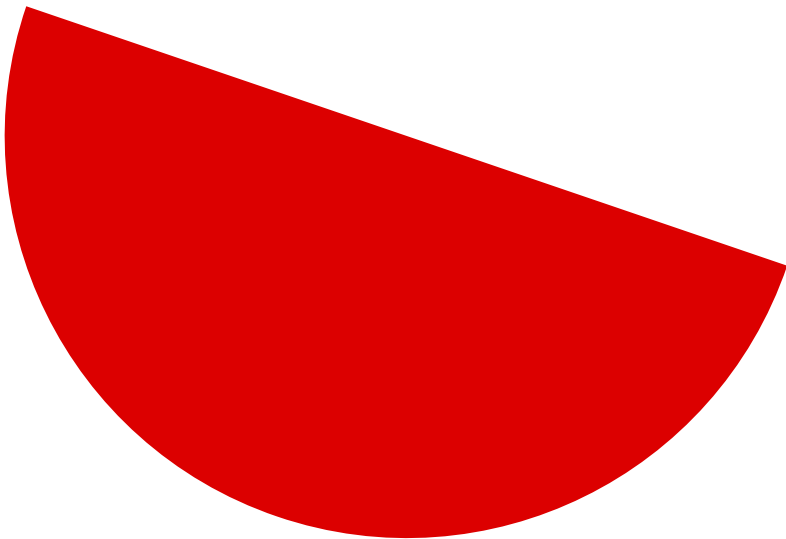
Observers



Oskar Johan Vallhagen



Julia Linnea Järlebark



Students



Kylian Gauteron



Valentin Kuno Hächler



Oliver Fabian Marti



Mathieu Zufferey



Raphael Zumbrunn

Leaders



Dr. Lionel Antoine Philippoz

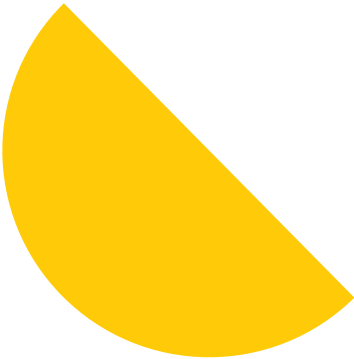
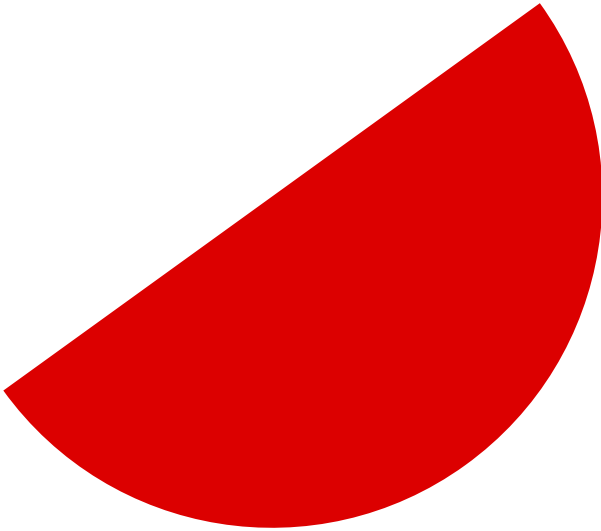


Nicolà Andreas
Gantenbein

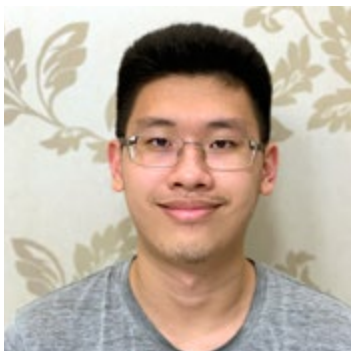
Invigilator



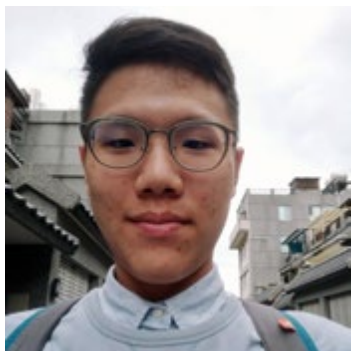
Dr. Markus Siegfried Meier



Students



Lai Yu-Hong



Lee I-Kwan



Tu Kai-Hsiang



Tsai Jie-Da



Moore Zong-Si

Leaders



Shang-Fang Tsai

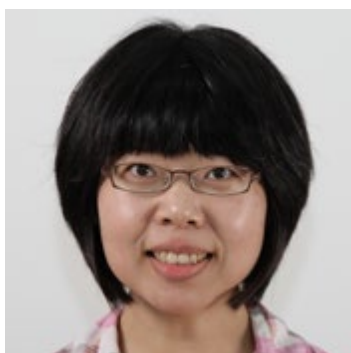


Chen Chuan-Ren

Invigilators



Yuan-Hong Hsu



Prof. Pei-Hsun Jiang



I-Chin Hsieh

Observers



Prof. Fu Tsu-Yi



Prof. Mou Chung-Yu



Prof. Juang Jenh-Yih



Prof. Chu Chon-Saar



Prof. Chia Chih-Ta



Tajikistan

Students



Mukhammadkhuja
Kamoliddinzoda



Davlatmand Qalandarov



Abdurahmon
Abdukhamidov



Abdullodzhon Yusupov



Jahongir Akhlilloev

Leaders



Erkinzhon Abdiev



Jamshed Rustam

Invigilators



Botirjon Norboboev



Yusuf Rahimov



Students



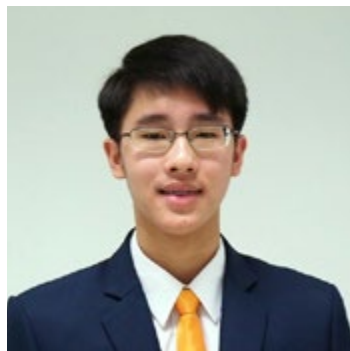
Nathakorn
Chaidechapinant



Natthakan Saeng-Nil



Thanadis Charoenrujijin



Parthorn Ammawat



Warakorn
Dachavarunupap

Leaders

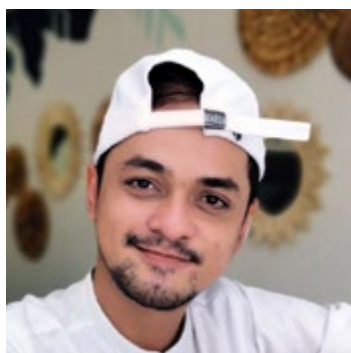


Dr. Pornthep
Nisamaneepong



Dr. Wittaya
Kanchanapusakit

Invigilators



Charoensak Mueangkaew



Kitchaphol Tiewpuoza

Observers



Dr. Tara Chalernsongsak



Jaray Panmuang



Sujint Wangsuya

Students



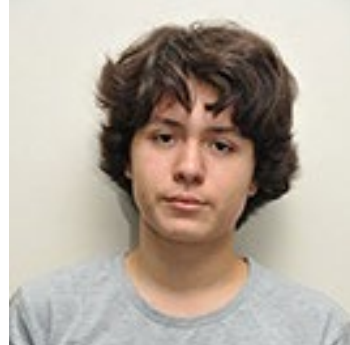
Bayram Alp Şahin



Alper Tezcan



Eser İlke Genç



Emir Akdağ



Yaman Bora Otuzbir

Leaders



Dr. Hacı Ahmet Yıldırım



Salih Aksoy

Invigilators



Öykü Sıla Güner



Mahmut Kamil Koçin

Students



Volodymyr Kuzma



Daniil Zabilskyi



Makar Kuznietsov



Artem Saraiev



Anhelina Morhai

Leaders



Prof. Borys Kreminskyi



Prof. Igor Anisimov

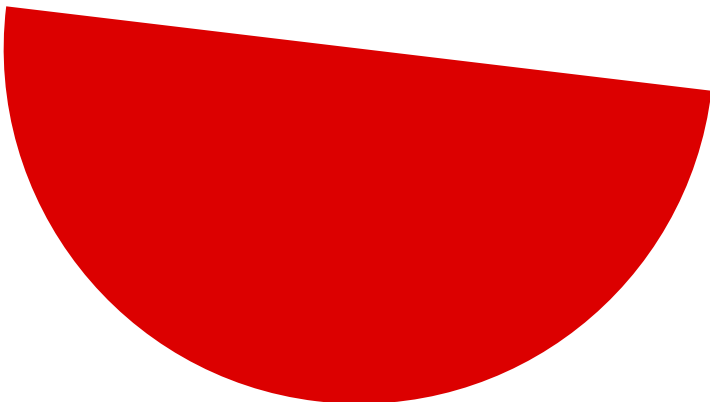
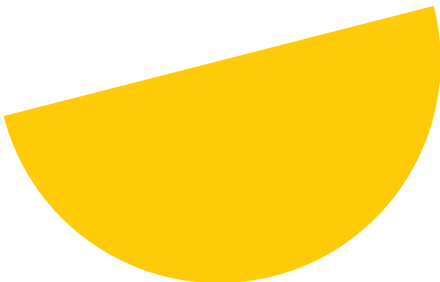
Invigilators



Prof. Igor Dmytruk



Oleksii Ovsianikov



Students



Fatmah Khamis Mohamed
Ali Alyammahi



Ghazlan Abdulla Ahmed
Rashed Alhebsi



Om Girishkant Gupta



Sowmya Srinivasan



Hrishikesh Kalyanaraman

Leaders



Prof. Bhawendra Kumar



Prof. Shabib Ahmad

Invigilators



Dhanisha Palliparambil
Yohannan

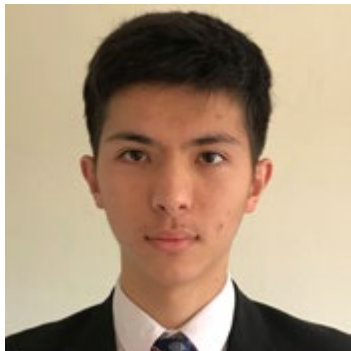


Justin Mathew

Students



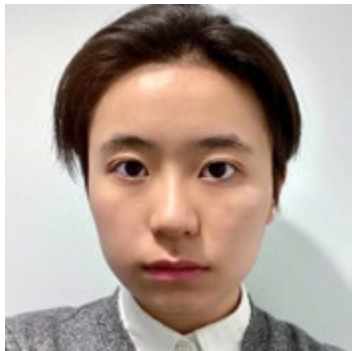
Mihir Manium



Frederick Hand



James Brownlie



Junhe Chen



Luke Edward Hayward

Leaders



Dr. Antonin Machacek

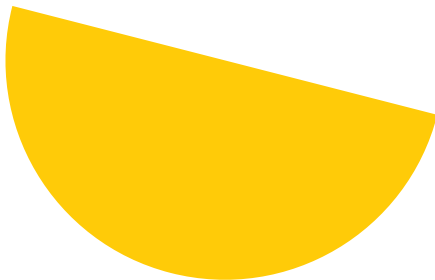
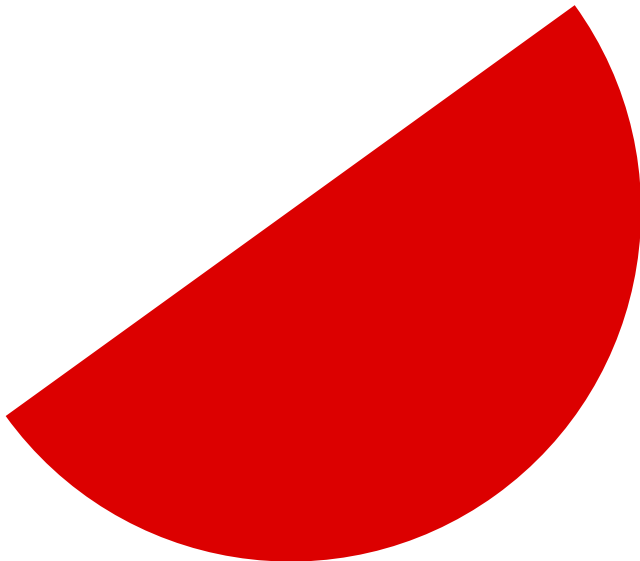


Dr. Anson Cheung

Invigilator



Robin Hughes

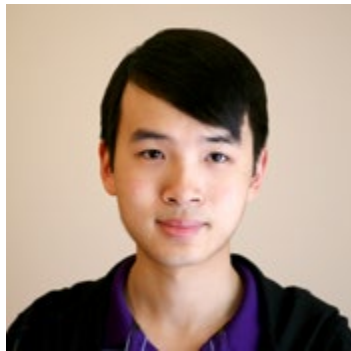


United States of America

Students



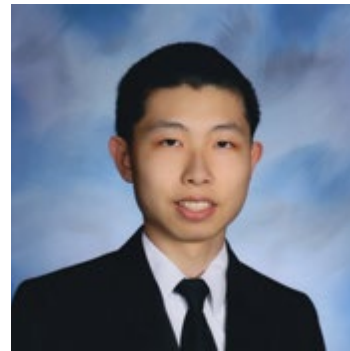
Zhening Li



Leo Yao



Evan Erickson

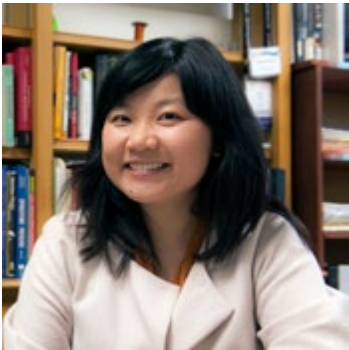


Eddie Zhe Chen



William Huang

Leaders



Prof. JiaJia Dong

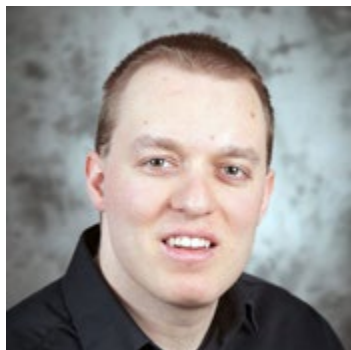


Michael Hofmann Winer

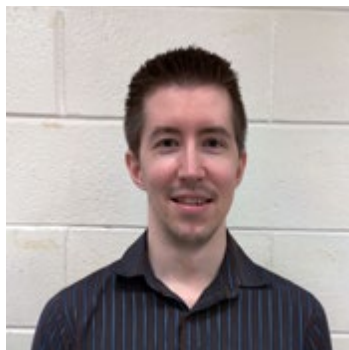
Invigilators



Kevin Zhou



Laszlo Z. Nagy



Walter Zubrzycki



Rebekah Marie Johnson



Uzbekistan

Students



Mahbuba Shayxnazarova



Rail Khashaev



Madinabonu Khasanjonova



Umidjon Muhammedov



Ruslan Aliqulov

Leaders



Davron Tukhtaev

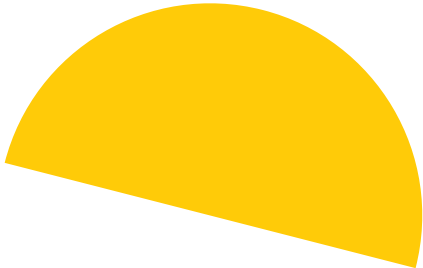
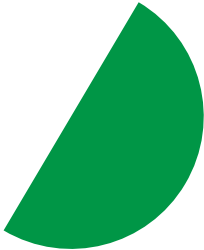
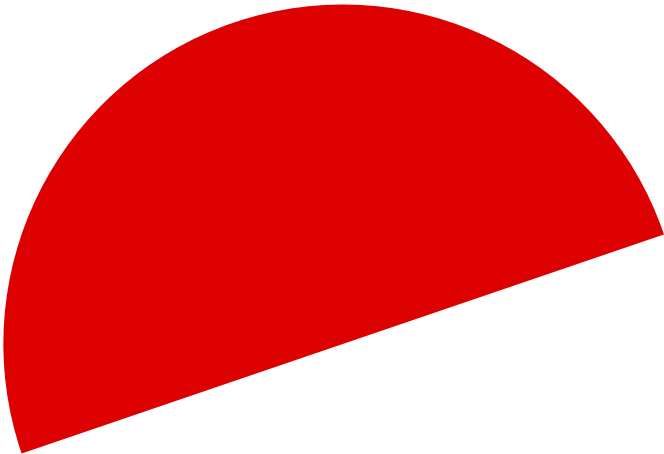


Doniyor Babajanov

Invigilator



Aziz Khasanov





Vietnam

Students



Manh Quan Nguyen



Quang Vinh Tran



Dao Cong Minh Trang



Trong Thuan Nguyen



Thanh Tan Bui

Leaders



Prof. Huy Hoang Luc



Prof. The Khoi Nguyen

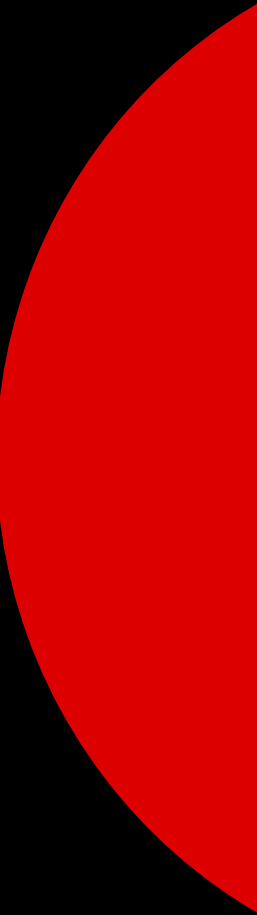
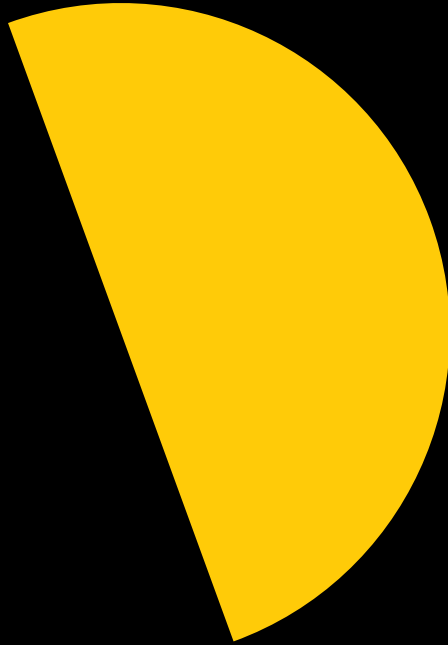
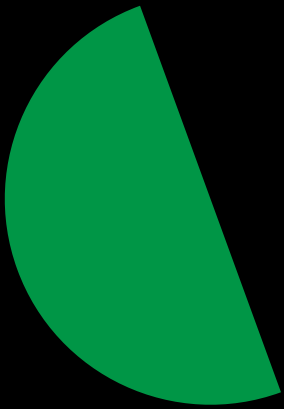
Invigilators



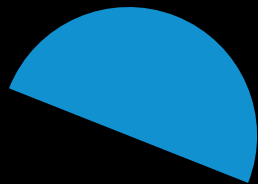
Prof. Trinh Mai Van



Prof. Vuong Dang Duc



Organizers



Organizers

Steering committee



Dr. Ramūnas Skaudžius
Chairman of IPhO 2021 Steering committee



Jonas Mickus



Laima Rutkauskienė



Algirdas Sakevičius



Rigonda Skorulskienė



Prof. Juozas Šulskus



Dr. Paulius Lukas
Tamošiūnas

Academic committee



Prof. Edmundas Kuokštis
Chairman of IPhO 2021 Academic committee



Prof. Audrius Alkauskas



Prof. Egidijus Anisimovas



Justinas Baužys



Dr. Jevgenij Chmeliov



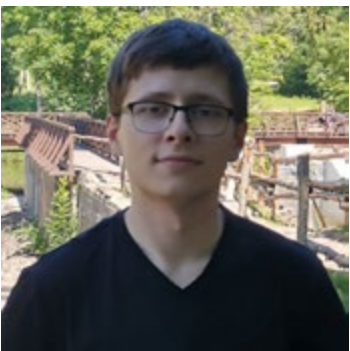
Dr. Nail Garejev



Dr. Emilis Pileckis



Dr. Steponas Raišys



Elvinas Ribinskas



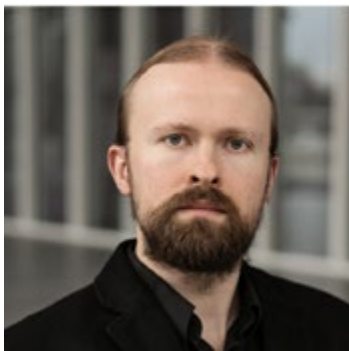
Dr. Mindaugas Viliūnas

Organizers

Academic committee



Dr. Pranciškus Vitta



Dr. Kastytis Zubovas

Organising committee



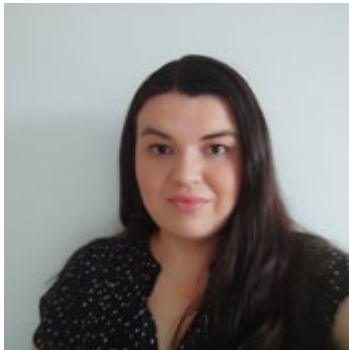
Dr. Gediminas Beresnevičius
Chairman of IPhO 2021 Organising
committee



Jurgita Brazauskaitė-
Incienė



Justina Čiplė



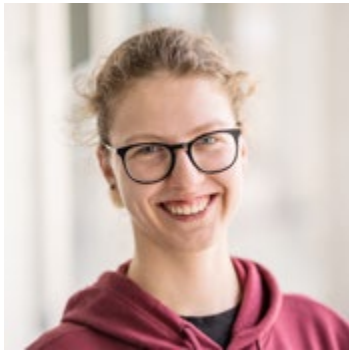
Miglė Čiurinskaitė



Žyginta Einorytė



Liliana Feiginaitė



Rugilė Jurevičiūtė



Viktorija Kalaimaitė



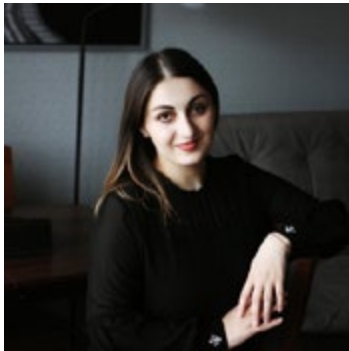
Vilma Maniušienė



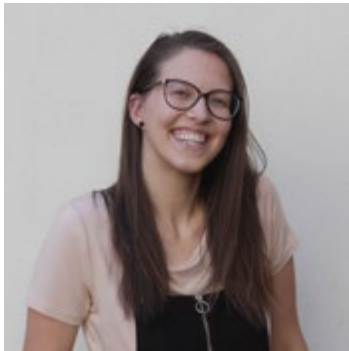
Liudas Mikalkevičius



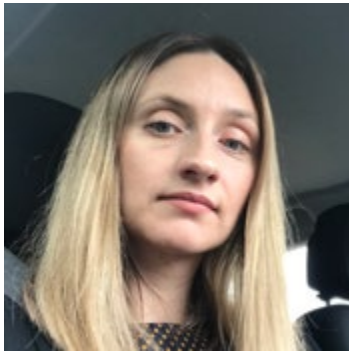
Arūnas Plikšnys



Teklė Songulija-Tkačenko



Milda Stachnevičiūtė



Jurgita Stulginskienė



Dina Voronina

Organizers

Organising committee

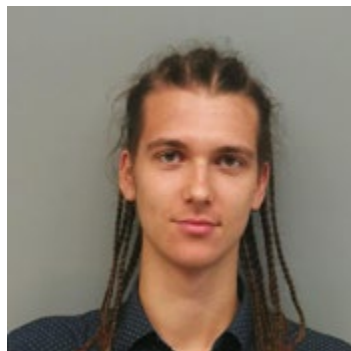


Mindaugas Žemaitis

Volunteers



Aušrinė Aglinskaitė



Augustinas Bačkis



Jonas Barkauskas



Matas Bukelskis



Marija Duchovskytė



Sofija Gabrilavičiūtė



Ieva Janušaitytė



Andrius Jasinevičius



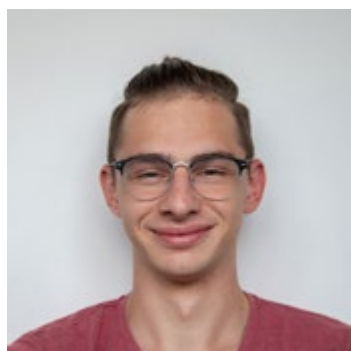
Ernestas Jegorovas-Armstrong



Ignas Juodžbalis



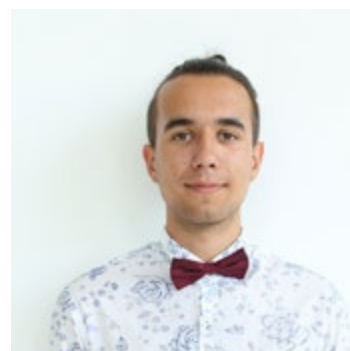
Artiom Kalčenko



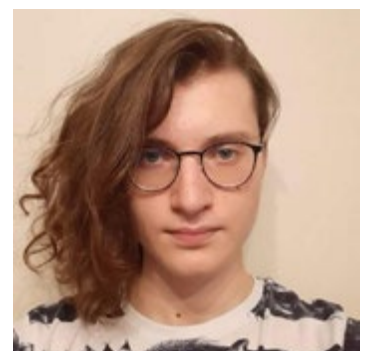
Artūr Karagezian



Giedrė Karzaitė



Konstanty Keda



Tomas Kvietkauskas

Organizers

Volunteers



Ignas Ledzinskas



Asira Lele



Ugnė Liubertaitė



Greta Mačiuitė



Erikas John Magee



Vilius Malūnavičius



Ugnė Orinaitė



Meilė Petrauskaitė



Vaiva Pilkauskaitė



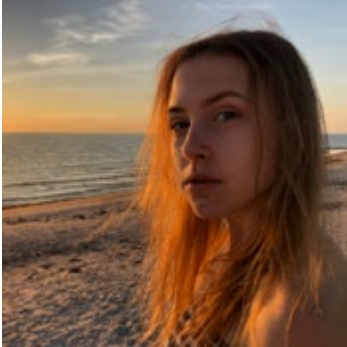
Eglė Pociūtė



Paulius Poviliauskas



Bartas Šaltenis



Miglė Šarpilo



Brigita Serebriakova



Dr. Martyna Šimkutė



Raimondas Šiškevičius



Gerda Skinderytė



Andrey Staniukynas



Goda Stirbytė



Uršulė Tarvydytė

Organizers

Volunteers



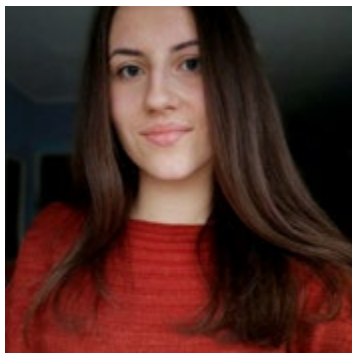
M.D. Vilmantė Vaitekėnaitė



Kotryna Vaitkevičiūtė



Gabija Vasiliauskaitė



Beatričė Zajančauskaitė



Emilija Zakaitė

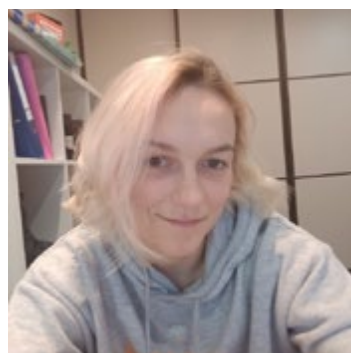


Dovilė Zinkutė

Markers



Dr. Brigita Abakevičienė



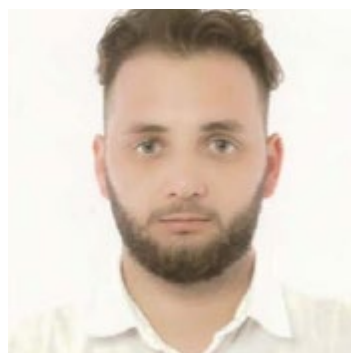
Sonata Adomavičiūtė-Grabusovė



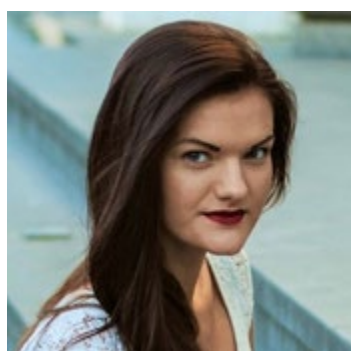
Dr. Kęstutis Aidas



Marijus Ambrozas



Maksimas Anbinderis



Dr. Justina Anulytė



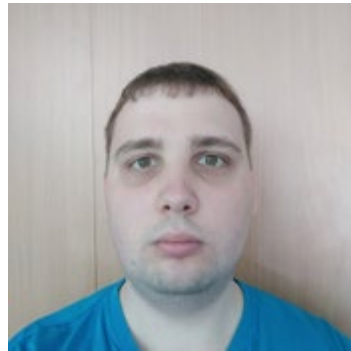
Benas Beklešovas



Dr. Kristina Bočkutė



Mantas Boronilščikovas



Vytautas Bubilaitis

Organizers

Markers



Deividas Buinovskis



Domantas Burba



Dr. Aurimas Čerškus



Vladislovas Čižas



Ignas Gaižiūnas



Dr. Mindaugas Gedvilas



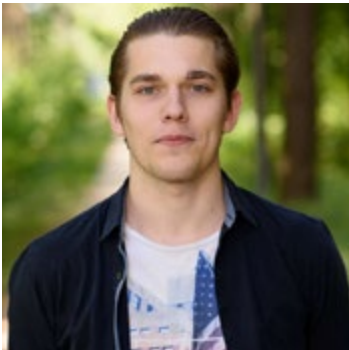
Dr. Kristijonas Genevičius



Robertas Grigutis



Dr. Janina Grineviciute



Edvinas Gvozdiovas



Dr. Aleksandras Iljinas



Mantas Jakučionis



Julius Jankauskas



Dr. Justė Jankevičienė



Dr. Domas Jokubaukis



Dr. Andrius Juodagalvis



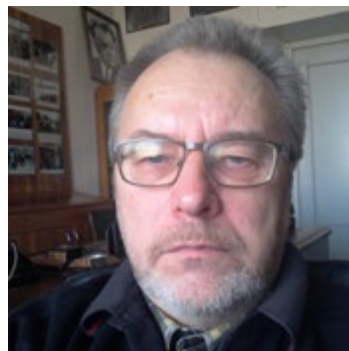
Dr. Arvydas Kanapickas



Jonas Karosas



Emilis Kaziukėnas



Dr. Romualdas Kisielius

Organizers

Markers



Tomas Klinavičius



Ramūnas Logminas



Ignas Lukošius



Mykolas Mačiulis



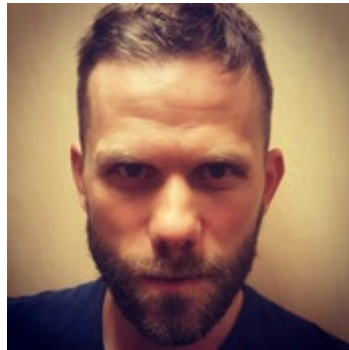
Paulius Mackonis



Dr. Robertas Maldžius



Karolina Maleckaitė



Dr. Tadas Malinauskas



Dr. Liveta Miliauskaitė



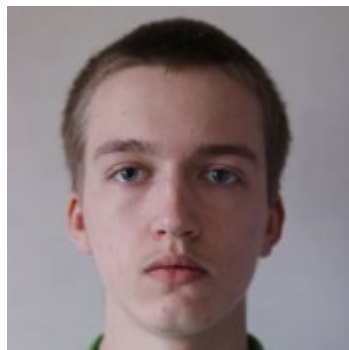
Agnė Minderytė



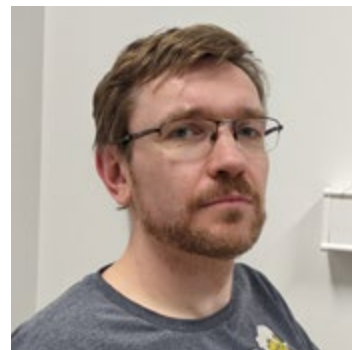
Tomas Montvydas



Tautgirdas Narmontas



Ričardas Navickas



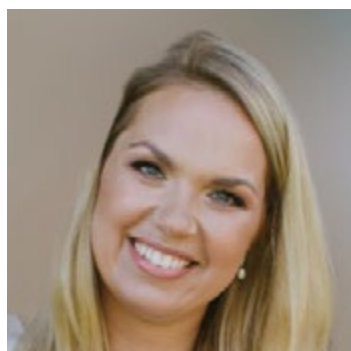
Nerijus Nekrašas



Dr. Sergejus Orlovas



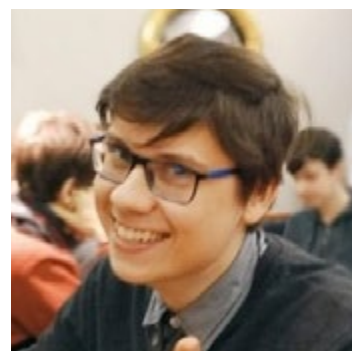
Dr. Erika Pakštienė



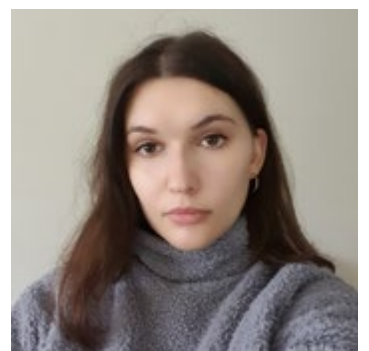
Dr. Edita Palaimienė



Daniil Pashnev



Jokūbas Pelanskis



Gabija Petrauskaitė

Organizers

Markers



Augustinas Petrulėnas



Rasa Platakytė



Dr. Sandra Pralgauskaitė



Kornelijus Pūkas



Dr. Andrius Puzas



Mantas Račiūnas



Edvinas Radiunas



Paulius Rindzevičius



Dr. Aleksėj Rodin



Kristijonas Samuolis



Dr. Raimundas Sereika



Dr. Povilas Šimonis



Einaras Sipavičius



Arnoldas Solovjovas



Dr. Mantas Sriubas



Dr. Evaldas Stankevičius



Dr. Vytautas Stankus



Dominyka Stonytė



Dr. Jelena Tamuliene



Dr. Stepas Toliautas

Organizers

Markers



Dr. Marius Treideris



Dr. Romualdas Trusovas



Kamilė Tulaitė



Gilbertas Umbražūnas



Dr. Vidita Urbonienė



Agnė Vailionytė



Gitana Valeckytė



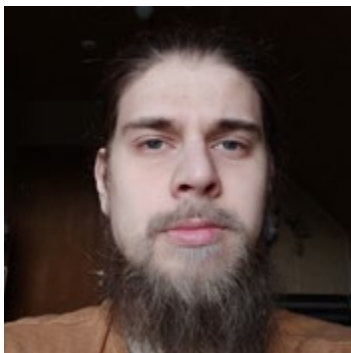
Dr. Martynas Velička



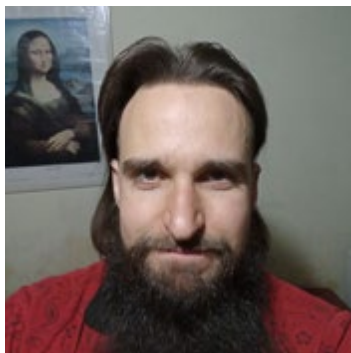
Oskaras Venckus



Dr. Julius Vengelis



Aurimas Vitkus



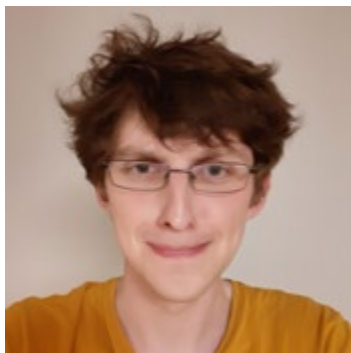
Vytautas Vosylius



Dr. Rokas Žalnėravičius



Dr. Gabija Žemaitytė



Giedrius Žlabys

Under the Patronage of



PRESIDENT OF
THE REPUBLIC OF
LITHUANIA

Organisers



MINISTRY OF EDUCATION
SCIENCE
AND SPORT
OF THE REPUBLIC OF LITHUANIA



Vilnius
University

Partners



Vilnius
University
Foundation



MINISTRY
OF FOREIGN AFFAIRS
REPUBLIC OF LITHUANIA



EMBASSY
OF THE REPUBLIC OF LITHUANIA
TO THE RUSSIAN FEDERATION

Main Sponsor

Gediminas
Kuprevičius

Sponsors



LIGHT
CONVERSION

Altechna



EKSPLA

Friends





Share
the light

