



# CTBTO Youth Group (CYG)

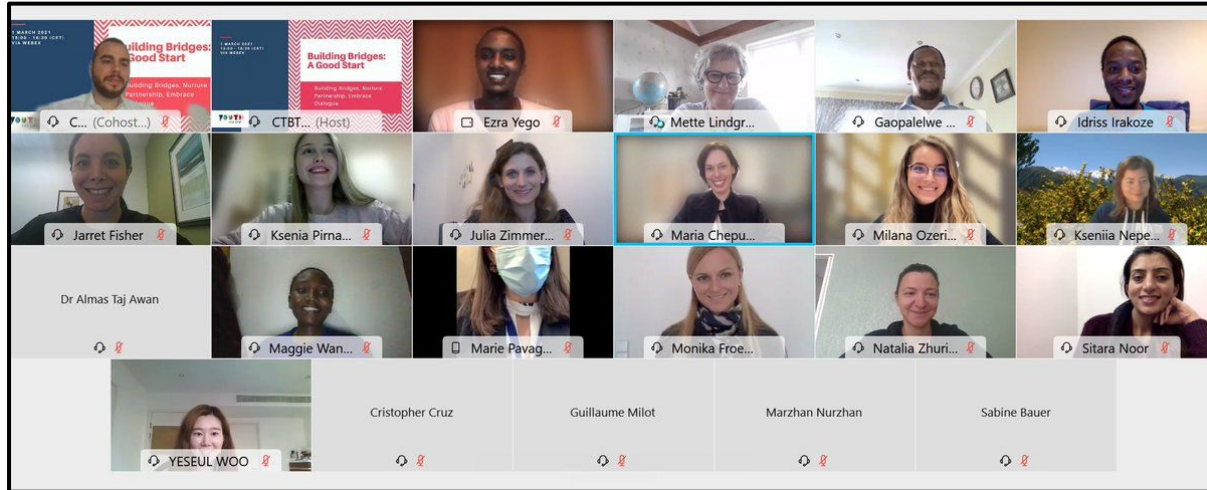
# About Me



## Milana Ozerina

- CYG Member since 2018
- Coordinator of Eastern Europe
- B.A. in International relations (MEPhI, Russia)
- Work at Rosatom Technical Academy
- Professional interests: Nuclear non-proliferation, Disarmament, Gender balance and Generation IV Systems

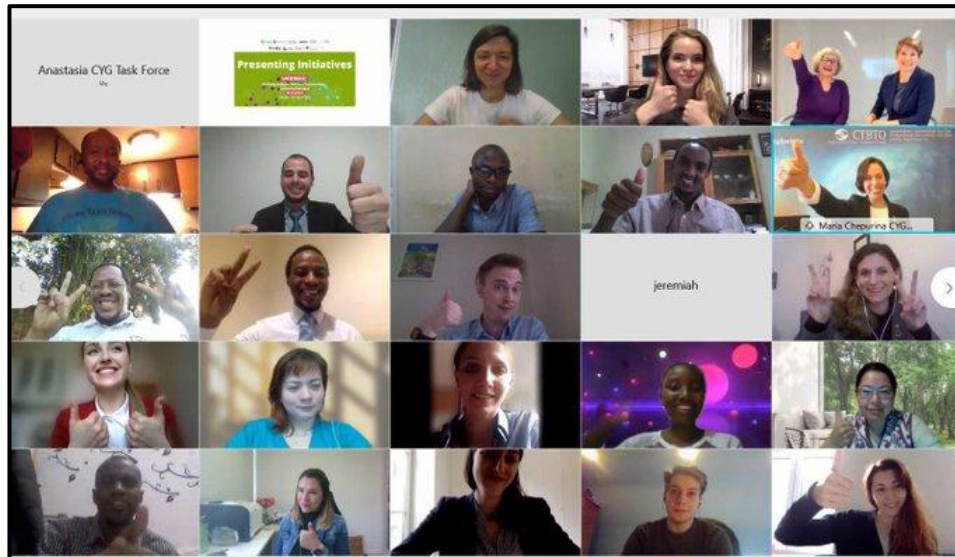




**Building Bridges (2021)**



**My vision of the CTBTO (2018)**



**Building Bridges (2021)**



**My vision of the CTBT 2026 (2020)**

# About Me



- Ksenia Pirnavskaia, Russia
- CYG Member since 2018
- Education Coordinator
- B.A. in International relations (MEPhI, Russia)
- M.S. in Science and Technology Policy (KAIST, South Korea)
- RA at the Korea Policy Center for the 4th Industrial Revolution
- Nuclear nonproliferation, disarmament, science diplomacy and policy, digital education
- 23 countries and more to go..hopefully





# Overview

- About the CYG: Background, objectives and key statistics
- CTBT overview
- 2021 Coordination Team: Members, work clusters and current initiatives
- Becoming an active member
- Educational resources



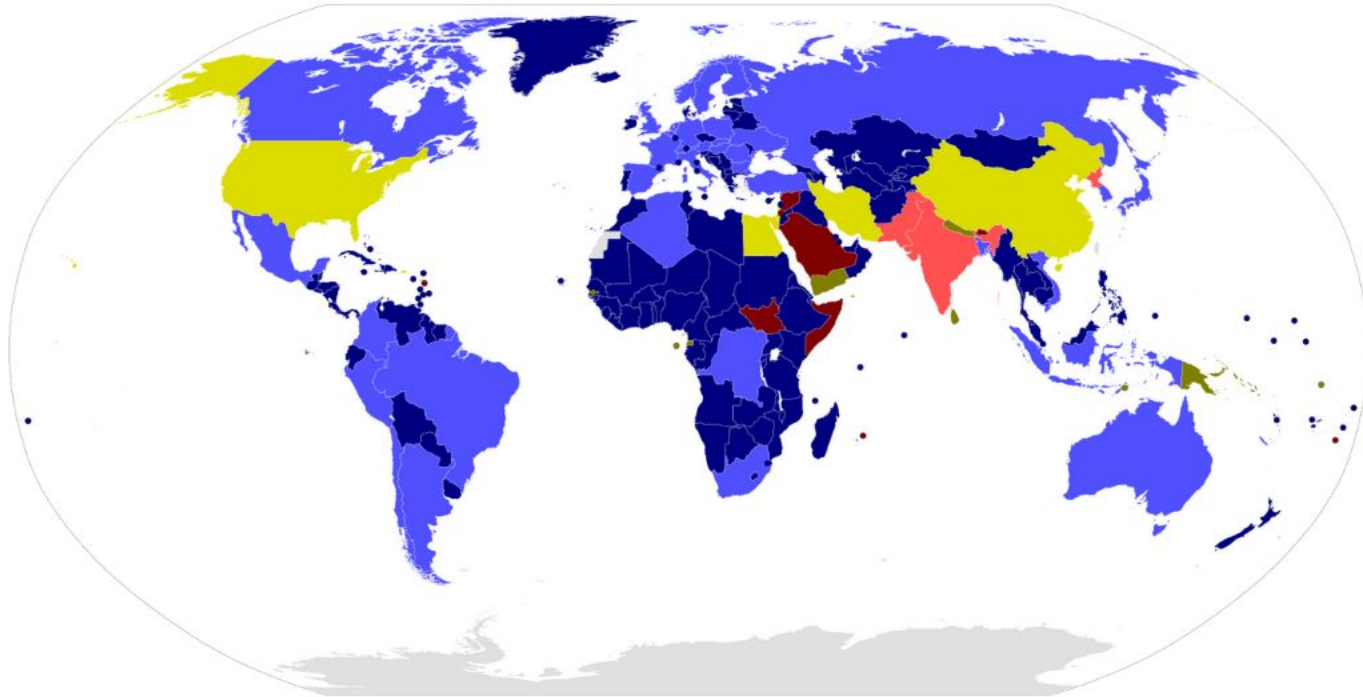
# About the CTBT

- (1996) Comprehensive Nuclear-Test-Ban Treaty
  - Article I - Basic Obligations
  - Article XIV - Entry Into Force
  - Article IV - Verification



# About the CTBTO

- CTBTO
  - Preparatory Commission for the CTBT
  - Provisional Technical Secretariat



## Annex 2 States

**44 states that participated in the CTBT's negotiations between 1994 and 1996 and possessed nuclear power reactors or research reactors at that time**

### Remaining Annex 2 States

#### Missing Signatures:

- Democratic People's Republic of Korea (DPRK)
- India
- Pakistan

#### Missing Ratifications:

- China
- Egypt
- Iran
- Israel
- United States

- Total States: 196
- Total Signed: 185
  - Latest State Signatory: Cuba
- Total Ratified: 170
  - Latest Ratifying State: Comoros

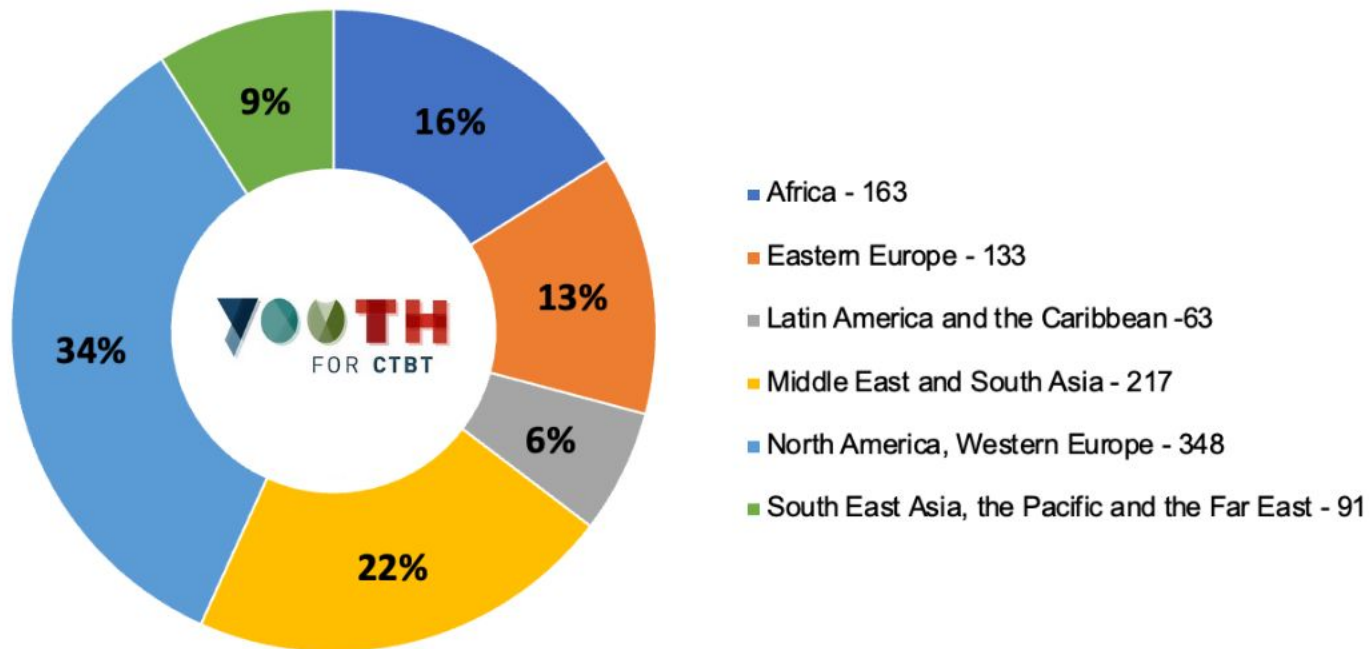




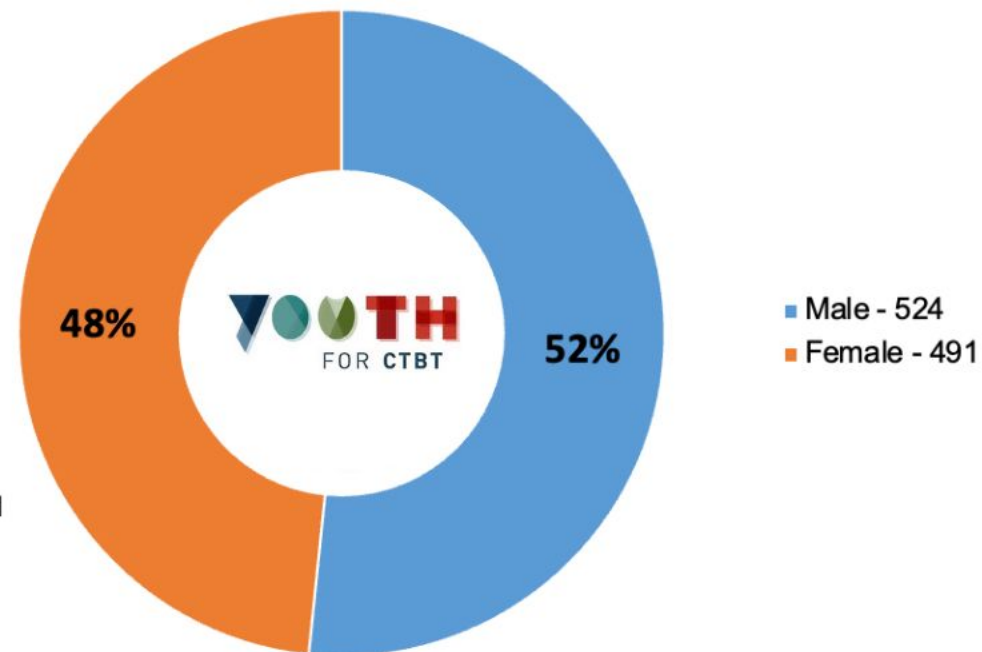
# What is the CYG?

A network of students and young professionals who are committed to contributing to global peace and security and who wish to actively promote the CTBT and its verification regime.

## REGIONAL DISTRIBUTION

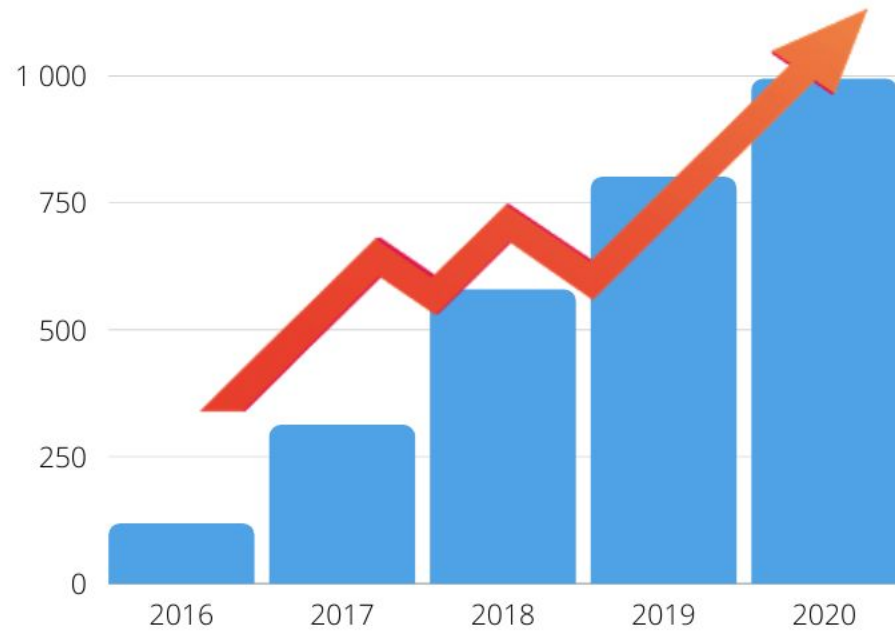


## GENDER DISTRIBUTION

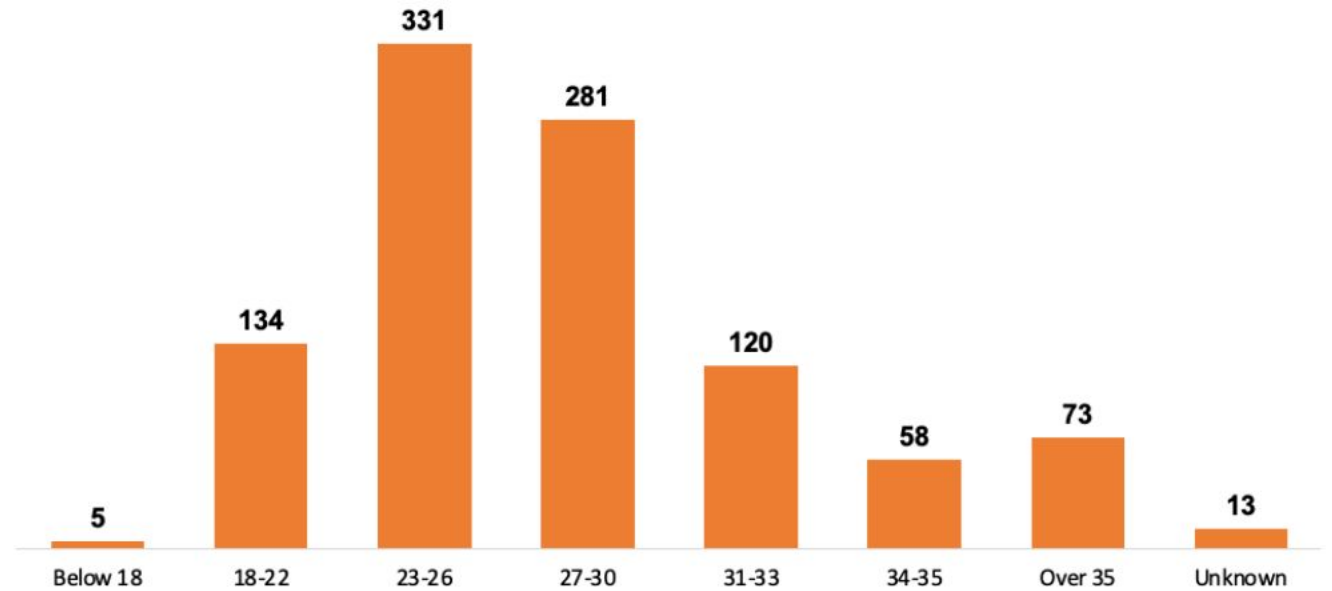




## MEMBERSHIP GROWTH



## AGE DISTRIBUTION



ANNIVERSARY EDITION

#CYG5YEARS



# REPORT



# 2021

## BUILD A BASIS FOR SCIENCE DIPLOMACY KNOWLEDGE TRANSFER TO THE NEXT GENERATION

### INTERGENERATIONAL DIALOGUE: BUILDING A NEW GENERATION OF AFRICAN NUCLEAR EXPERTS, GHANA, 2020

CYG members discussed how the African Youth can be involved in the nuclear field and serve as the driving force behind the progress toward a world free of nuclear testing. They stressed the importance of strengthening the nexus between science and policy and developing university curricula that foster deeper thinking in this sphere. They recommended to have a delegation of young Africans to the NPT RevCon and boost participation as part of AFCON.



### CTBTO GEM - YOUTH INTERNATIONAL CONFERENCE, KAZAKHSTAN, 2018

Members of the Group of Eminent Persons (GEM) and the CYG members attended an international conference in Kazakhstan to reflect on the role of nuclear disarmament and non-proliferation in building global peace and finding ways to strengthen it in the future. CTBTO GEM and Youth Group members visited the former nuclear test site at Semipalatinsk, officially closed in 1991, where 456 nuclear explosions were conducted over the period of 1949 to 1989.



### LECTURES FOR MEPHI PRE-UNIVERSITY STUDENTS, WEBINAR, 2020

The CYG Coordinator for Eastern Europe Natalia Zhurina (Russia) and Communications Coordinator Valeria Korotchenko (Russia) organized summer seminars for high school students where they presented the CTBT, CYG, its objectives and activities, and shared anecdotes from their membership experiences.



### SCIENCE AND POLICY SEMINAR, ECUADOR, 2019

CYG member Luis Vazquez (Mexico), a PhD student at the University of Southern California's Department of Earth Sciences, participated in the panel "Science, diplomacy and the CTBT: Latin America as a champion of non-proliferation and disarmament" alongside prominent experts. The participants stressed the importance of involving young people in science and diplomacy discussions. On the margins of the seminar, Luis talked about the CYG, its objectives and activities geared towards promoting the CTBT's entry into force.

"I DIDN'T CONSIDER WORKING IN THE FIELD OF NUCLEAR DISARMAMENT AND NONPROLIFERATION, BUT THE MOMENT WHEN I PARTICIPATED IN THE CTBTO CONFERENCE FOR THE FIRST TIME, AS A MEMBER OF THE CYG, CHANGED MY LIFE FOREVER. THANKS TO THE CYG I AM WHO I AM NOW."



NATALIA ZHURINA  
RUSSIA, OPANAL



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## MEMORY BOX



CTBT Science Diplomacy Symposium, Austria, 2016



Moscow CTBTO Youth Group Conference, Russia 2017



Science and Technology Conference, Austria, 2017



Paris Peace Forum, France, 2018



CTBTO GEM-Youth Group International Conference, Kazakhstan, 2018



CTBT Science Diplomacy Symposium, Austria, 2018



Science and Technology Conference, Austria, 2019



Building Bridges, Webinar, 2020 - 2021

@Youth4CTBT @CTBTO-Youth-Group @youth.ctbt



## CYG CODE OF CONDUCT

- CYG members are aware that they speak, write and act in their individual capacity
- CYG members are NOT authorised to represent the CTBTO or the CYG.
- Core tenets of the CYG are:
  - RESPECT
  - OPENNESS
  - NEUTRALITY
  - INCLUSIVITY

## RESOURCES



- CYG Code of Conduct:  
[https://youthgroup.ctbto.org/code\\_of\\_conduct](https://youthgroup.ctbto.org/code_of_conduct)



- Standards of Conduct for International Civil Service:  
<https://icsc.un.org/Resources/General/Publications/standardsE.pdf>

## CONNECT



A growing global  
community of  
future leaders and  
policy makers

## LEARN



A wide variety of  
online CTBT  
educational  
resources

## PARTICIPATE



Participation in  
events organized  
by the CTBTO and  
in events of interest  
to the CTBT

## CONTRIBUTE



Engage with other  
members,  
developing projects  
and taking initiative



**CLUSTER 1 - MENTORING**

**CLUSTER 2 - SCIENCE DIPLOMACY**

**CLUSTER 3 - YOUTH AND OUTREACH**

**CLUSTER 4 - COMMUNICATING NUCLEAR ISSUES**

**CLUSTER 5 - BUILDING PARTNERSHIPS**

**CLUSTER 6 - REGIONAL OUTREACH**

**CLUSTER 7 - INTRODUCTORY ACTIVITY BY CYG AND CYG TASK FORCE**

## REGIONAL COORDINATORS



Africa:  
Peter A. Babigumira



Eastern Europe:  
Milana Ozerina



Latin America/ Caribbean:  
Monica A. H. Castano



North America/ Western  
Europe: Guillaume Milot



South East Asia/ Pacific/  
Far East: Yeseul Woo



Middle East/South Asia:  
Necer Edine Zioani

## ANNEX 2 COUNTRY COORDINATORS



India: Ankit  
Kumra Mishra



USA:  
Jarret Fisher

## FUNCTIONAL COORDINATORS



Communications:  
Cristopher Cruz



Communications:  
Tom Hickey



Outreach: Ahmed  
Amponsah Fordjour



Outreach:  
Moumi Awudu



Outreach:  
Anna Stepanova



Education: Kseniia  
Pirnavskaia



Education:  
Sweta Basak



Education: Magdalene  
Wangui Wanyaga

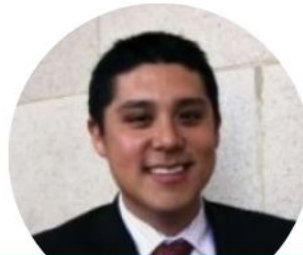


# CYG TASK FORCE

- A small but dynamic team of CTBTO staff members who help provide overall strategic vision and to facilitate institutional support for CYG driven activities, projects and initiatives.



**Ms Maria Chepurina,**  
External Relations Officer



**Mr Ryan Gonzalez,** Outreach  
& Education Officer



**Mr Marius Jano,** Assistant  
Administrative Officer

- Contact the CYG Task Force at: **[youthgroup@ctbto.org](mailto:youthgroup@ctbto.org)**

## CONNECT



@Youth4CTBT



CYG\_Social



facebook.com/youth.ctbt



youthgroup.ctbto.org

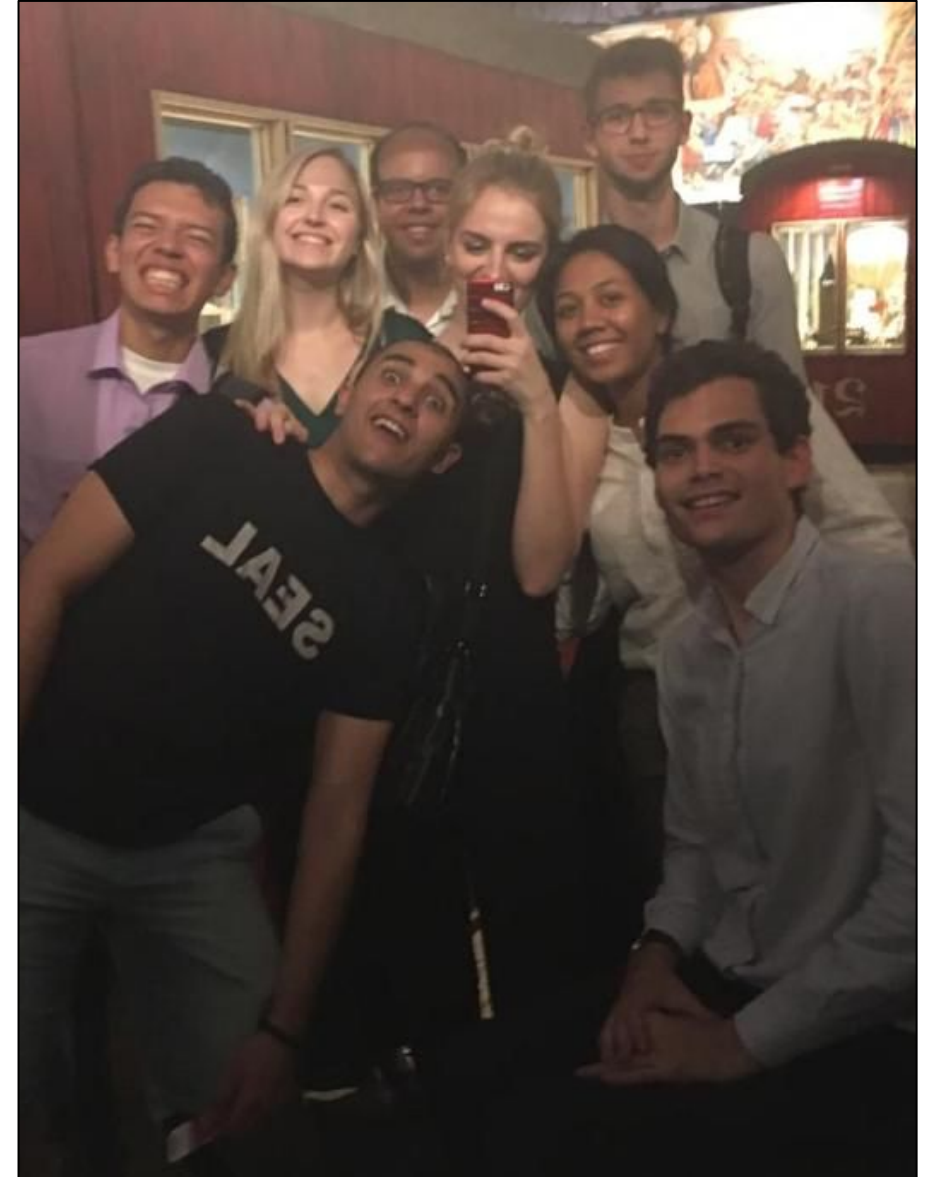


linkedin.com/company/  
ctbto-youth-group



- **Connect on social media**
- **Join groups/projects on the CYG Portal**
- **Sign up for the CYG newsletter**
- **Group of Eminent Persons (GEM) to foster CYG projects through mentoring, guidance and networking**





# LEARN



CYG Introductory Curriculum:  
<https://youthgroup.ctbto.org/group/12/about>



CTBTO Knowledge Training Portal:  
<https://ktp.ctbto.org/>



CTBTO Website:  
<https://www.ctbto.org/>

## CTBT EDUCATIONAL RESOURCES



live lecture courses | e-learning | global partnerships





# PARTICIPATE



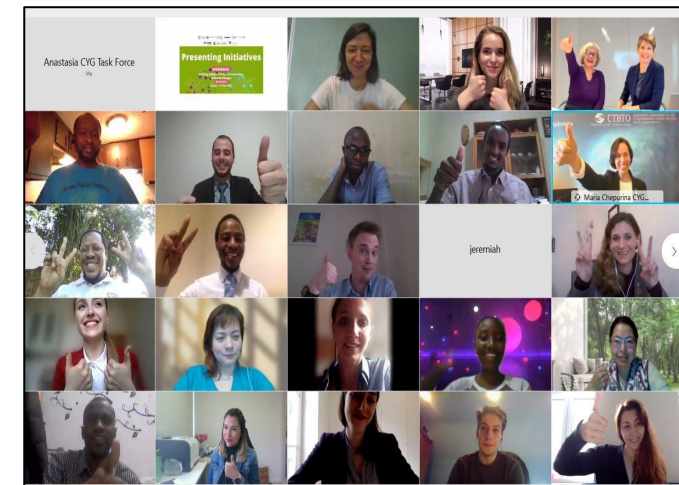
- Upcoming events:  
<https://youthgroup.ctbto.org/events>



- Join the CYG Newsroom:  
<https://youthgroup.ctbto.org/node/2069>



- Science and Technology Conference 2021:  
<https://events.ctbto.org/snt/snt2021>







CYG Conference, Moscow 2017



Peace Forum,  
Paris 2018



CYG  
Conference,  
Astana 2018



Science and  
Technology  
Conference,  
Vienna 2019



# CONTRIBUTE

- Join CYG projects:  
<https://youthgroup.ctbto.org/node/2071>
- CYG Task Force Call for Project Proposal Applications:  
<https://youthgroup.ctbto.org/coordination-team>
- Join CYG Events:  
<https://youthgroup.ctbto.org/events>



**PERSONAL ACCOUNT**

**Marrying politics and technology: inaugurating the Moscow Science Diplomacy School project**



by **Ksenia Pivovarskaya**  
Nuclear Research University (MEPhI), Moscow, Russian Federation

“As much as scientists have to be informed about politics, politicians and policy experts must know the basics of science, especially in the field of weapons of mass destruction, to provide correct analysis and make right decisions based on it,” says Adrian Margoyev, director of the PIB-center “Russia and nuclear non-proliferation programme.”

Margoyev was among experts participating in the first Science Diplomacy School held in Moscow at the National Research Nuclear University (MEPhI) and Moscow State Institute of International Relations (MGIMO) university 24-27 April 2018.

She was among CYG members participating in the second CTBT Science and Diplomacy Symposium held in Vienna in 2018.

What I noticed during the event was that the idea of integrating people from strikingly different fields in the framework of nuclear testing issues – is challenging but fruitful and rewarding both for the organizers and participants.

Nevertheless, it is always a problem for diplomats and others who may have brushed science aside to really understand, appreciate and benefit from science communication.

Inspired by the example of the Science Diplomacy school established by the Trieste, Italy-based World Academy of Sciences for the Advancement of Science in Developing Countries, I was determined to promote science diplomacy in Russia.

But I had to consider the challenge for students majoring in science to dive into international relations and equally for students majoring in international relations or law to keep up with scientific knowledge and approaches.

My idea was to attract students

losing the gap between science and diplomacy is a crucial task, especially in the field of nuclear non-proliferation, disarmament and nuclear testing, due to the complexity of these particular issues and close linkage of politics and science, writes Ksenia Pivovarskaya.

From 24-27 April, 30 pm selected undergraduate and graduate students from 15 leading universities in Moscow, St. Petersburg, Samara and Novosibirsk, including students from India and Kazakhstan, took part in the first Science Diplomacy School at the National Research Nuclear University (MEPhI) and Moscow State Institute of International Relations (MGIMO) university.

The school was organized by the International Center for Public Diplomacy, the Science Diplomacy Club MEPhI, and the Student Scientific Society MGIMO of the International Security Club MGIMO.

Participants with technical and engineering backgrounds analysed topical issues of international nuclear security and discussed possibilities for improving arms control regimes. They engaged distinguished experts from such organizations as the PIB-center, MEPhI,

college and make it more feasible for students to bridge the gap between the fields of science and diplomacy.

**The school**

From 24-27 April, 30 pm selected undergraduate and graduate students from 15 leading universities in Moscow, St. Petersburg, Samara and Novosibirsk, including students from India and Kazakhstan, took part in the first Science Diplomacy School at the National Research Nuclear University (MEPhI) and Moscow State Institute of International Relations (MGIMO) university.

Specialists introduced participants to the units and bolts of the CTBTO and IAEA's work. Panel discussions on demarcation of the Korean Peninsula, Iran's nuclear programme and international relations were also held. As well, rocket technologies, classifications of ballistic missiles, nuclear physics including the physics of explosion, geospatial tools for monitoring nuclear facilities, as well as the possibility of nuclear and radiological terrorism, were discussed.

A paramount goal of the school was to integrate young people from different

clear weapons delivery, and missile interception systems.

2. The requirement for international conference on disarmament every three years: the agenda of the first should consider hypersonic weapons and US Russia commitment to reducing arsenals, with others committing not to increase theirs.

**“The MEPhI-MGIMO Science Diplomacy School is the best grass-root initiative in this field I have taken part in over the past few years, and I do hope there**

Hopefully, you have weak for the science in Moscow in 2020.

specialist, acknowledged training and critical thinking. He also recognized exploring ways to it might be.

Recommendations a single joint document institutions, such as the PIB-center, CNS, N year's plan is to broaden school and invite other countries, especially in



AN UNARMED LGM-30S MINUTEMAN III INTERCONTINENTAL BALLISTIC MISSILE LAUNCHES DURING AN OPS

# SCIENCE AND TECHNOLOGY - THE CONFERENCE SERIES

- **28 June 2021 to 2 July 2021 (Virtual)**
- Builds and strengthens the relationship between the CTBTO and the broader science community in support of the CTBT
- More updates about CYG engagements with the SnT to come!
- Follow us to stay up to date!

 @Youth4CTBT  facebook.com/youth.ctbt  youthgroup.ctbto.org



**DON'T MISS OUT ON YOUR  
CHANCE TO PARTICIPATE  
VIRTUALLY IN SNT 2021**



Registration link:  
<https://events.ctbto.org/snt/snt2021>



# CYG CITIZEN JOURNALISM ACADEMY

The project will help to foster communication skills and teach how effectively use various communications and media tools to promote a world free of nuclear testing.

Professional communication trainers from **Atomic Reporters** will provide masterclasses, trainings and mentoring to **80 CYG applicants** using both live web sessions and asynchronous learning tools.

## ATOMIC REPORTERS

Supporting journalists covering nuclear news

### WHO?

Atomic Reporters  
& CTBTO

### WHEN?

Mid-May to end  
of June 2021

### WHERE?

On the  
CYG Website

### WHAT?

Learn journalism  
skills

### WHY?

To promote the Test-  
Ban-Treaty

### SEMINAR 1: Covering a news event

In this first session we will address how a citizen journalist might go about reporting on a news conference. Participants will listen in on a simulated press event based on current events, then ask questions and come up with a lede - the first paragraph of a potential news article.



### SEMINAR 2: Writing for online and offline media

Here we will approach the bulk of the work: telling the story. Participants will be provided with a particular scenario, then asked to write either a blog post, a news article or a Twitter thread. They will be encouraged to think in terms of storytelling, structure and readability.

### SEMINAR 3: Effective use of social media tools

For a citizen journalist, social media is the form and the function. It is the speaker through which we hope to engage, impact and inform our audience - all around the world. Participants will be given a set of topics on nuclear issues, then be asked to develop a social media strategy that leverages the tools and resources discussed in the workshop.



### SEMINAR 4: Mobile journalism

Smartphones are a powerful tool for storytelling that every citizen journalist should know how to use. In this workshop, participants will learn how to plan and execute a video storytelling project about the CTBTO's work using nothing but a phone.



This project has been sponsored through the contributions provided by the European Union in support of the CTBTO education and outreach activities and resources.

# CONTACT

## Have Questions?



Explore the CYG FAQs: <https://youthgroup.ctbto.org/frequently-asked-questions-faq-old>

## Want to get in touch with the CYG Coordination Team?



Contact the Introduction Meeting Coordination Team:  
<https://youthgroup.ctbto.org/coordination-team>

Email address of the CYG Task Force at: **[youthgroup@ctbto.org](mailto:youthgroup@ctbto.org)**