

ISWI 2021

programme



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ISWI 2021

visit 2021.iswi.org

ISWI 2021

The "International Student Week in Ilmenau" (ISWI) is a conference for students organised by students. It takes place every alternative year at the campus of Technische Universität Ilmenau. Over 370 participants from more than 70 different countries took part in the last ISWI in 2019. Due to the current situation ISWI 2021 will be online. Compared to other similar events ISWI is known for its focus on group work, lectures and debates on a certain main topic, to which the conference is dedicated. As main topic the organising committee always tries to find areas of tension that include recent problems and developments in the world.

The main aim of the ISWI is to bring young people from all over the world together and serve as a platform for exchange and getting to know each other as well as for discussion and working out ideas to solve recent problems. The official language of the conference is English.

Each ISWI addresses a different topic. For 2021 we have chosen the topic 'Climate Change, Environmental Conservation and Sustainability with the title and motto:



Our Future, Our Responsibility - There is no Plan(et) B

Climate change and **global warming** are the most pressing and discussed current **environmental issues**. Our overall environmental condition is deteriorating in everyday life, but we are not yet concerned enough to saving us from different types of natural calamities and the extinction of several types of animal species. Humans are responsible for polluting the environment and if we have a little bit of concern, it will make us think positively about **protecting our environment**.

One step could be the identification of human activities that are responsible for environmental damage. What impact do urbanization, immense industrial growth, pollution, and population explosion have? What role do deforestation, carbon emission, and natural resource depletion play?

Many technical solutions can help us to save our planet. But more than anything else, we must learn to **respect nature**. However, future decisions can be effective in reducing further damage.

How can we play our part in protecting the environment? We invite the group to consciously reflect and discuss current issues and solutions associated with environmental changes.



The people behind ISWI: The association ISWI e.V.

The "Initiative Solidarische Welt Ilmenau e.V." (ISWI e.V.), established in 1992, is an incorporated society and NGO led by students who organise the projects as volunteers. Its status is that of a non-profit and benevolent organisation. We set ourselves the goal to fight against social inequality, racism and intolerance as well as to promote mutual understanding. To reach this aim, we organise projects that raise awareness to recent problems and offer an open platform to get to know each other, exchange views and work out solutions for these problems. Our main project, the "International Student Week in Ilmenau" (ISWI), takes place every two years since 1993 at the Technische Universität Ilmenau.



ISWI 2021 TIMETABLE

Visit <https://2021.iswi.org/>

Friday 28th May

Opening Ceremony

2:00 pm – 3:00 pm

Welcome Party and Games

3:00 pm – 6:30 pm

The Welcome Party will take place in WorkAdventure

Saturday 29th May

Group work

2:00 pm – 5:00 pm

incl. Breaks

Keynote

6:00 pm – 8:00 pm

The energy consumption of modern technology

Sunday 30th May

Keynote

10:00 am – 12:00 pm

Causes and effects of climate change

Open Space + Group Work

2:00 pm – 5:00 pm

Open Space parallel to ISWI 2021 groupwork incl. Breaks

Panel Discussion

7:00 pm – 9:00 pm

Global Politics & Activism

Monday 31st May

Keynote

2:30 pm – 3:30 pm

Preventing the next pandemic Zoonotic diseases and how to break the chain of transmission

Live Sport Sessions

6:40 pm – 6:55 pm

Panel Discussion

7:00 pm – 9:00 pm

Sustainable Energy

Tuesday 1st June

Keynote

12:00 pm – 1:30 pm

Climate Communication

Live Sport Sessions

1:40 pm – 1:55 pm

Group work

2:00 pm – 5:00 pm

incl. Breaks

Keynote

6:30 pm – 7:30 pm

The sand crisis

Wednesday 2nd June

Workshop Session

2:00 pm – 3:00 pm

Live Sport Sessions

3:15 pm – 3:30 pm

Open Space

3:30 pm – 6:30 pm

Movie Time

7:00 pm – 8:15 pm

Thursday 3rd June

Live Sport Sessions

1:30 pm – 1:45 pm

Group work

2:00 pm – 3:30 pm

Keynote

4:30 pm – 5:45 pm

We fixed the ozone hole, we can fix our climate!

Keynote

6:00 pm – 7:00 pm

Healing Deforestation

Friday 4th June

Group presentations

2:00 pm – 3:30 pm

WorkAdventure

Panel Discussion

5:00 pm – 7:00 pm

The future of urban mobility

Saturday 5th June

Closing Ceremony

2:00 pm – 3:30 pm

We're looking forward to having all of you around!



ISWI 2021 Organising Committee

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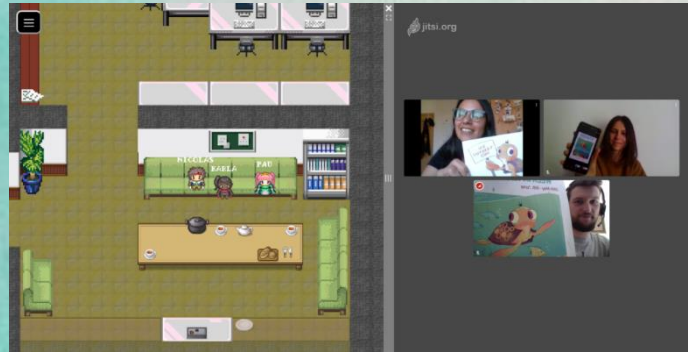
How to join?

Livestream

Hey! This will be the website where you can watch the livestream of ISWI 2021! Our cooperation partner ISTUEE will stream all of our Keynote Lectures, Panel Discussions, and much more! Have a look at the timetable to check the times. You will be able to use either the Youtube-Chat or Discord to discuss and ask questions. See you around!

WorkAdventure

If you are joining the ISWI 2021 conference via PC/Laptop/Mac then you can reach the conference events via our digital world map. This is a two-dimensional world similar to the games your parents played in the distant past. All you need is a computer with a browser, keyboard and ideally a mouse, webcam and microphone. We recommend using the Chrome browser. Using the arrow keys or keys W, A, S and D you can walk around the map and interact with other people you meet.



There is no account required to join.

Just open the morkadventure.website in your browser, choose an avatar, make sure your webcam and microphone works and enter the ISWI 2021 world.

At the beginning you will start on the central hub of our map that connects all event spots. Walking into a building may open different maps like our lecture hall or the rooms for the group work. Sometimes information or a video meeting will open on the right side of the map, possibly after you are asked to push the space bar to trigger this.



Cisco Webex Meetings

For the Working Group Sessions, we will use Cisco Webex Meetings. If you're signed into a Group, you will get an E-Mail with important information, including information for the Webex Room for your Group. That information is a link with which you can directly join the meeting and a password that can be used to enter the Webex Meeting over the WorkAdventure room of your Group. We recommend using the desktop app when you join via computer or laptop. This app is available for Windows and Mac OS. We wouldn't recommend it, but you should use the app from the App Store or Play Store if you have to join over the phone. We hope you'll have insightful Group Work even though of those difficult circumstances.

Discord Server

For direct communication and chats with the participants we also provide a discord server, that we will announce soon on our website.

For updated information, please also have a look at
2021.iswi.org/how-to-join.

Extra-curricular activities

Events open for everyone:

There are many more events that everyone can take part in!



Sports

As substitute for our traditional sports event we created a small sports and dance blog for you to get active in front of your screen. Just join the live sessions directly or watch them, when we put them online on demand in our blog.



Workshop

In our handy-on workshops, we give you the possibility to learn to shape the future on your own. Be it in creating podcasts or mindful writing. As the capacities are limited, please make sure you register beforehand.



World Food Festival

If you enjoy cooking and want to learn about food from different cultures, this is the right place for you! In this blog you can find new recipe ideas from all over the world.



Events for registered participants:



Working Groups

We offer working groups, each dealing with a certain aspect of the main topic. Within the group sessions, participants will have the possibility to share their experiences and views, discuss in detail and work towards solutions for current problems.

Events for participants of Dialogue Programme:



Dialogue Programme

The Dialogue Programme at the International Student Week in Ilmenau (ISWI) 2021 seeks to enable an open and respectful dialogue aimed at learning from one another. The organisers hope to enhance mutual understanding and develop respect for varied perspectives between the participants on contentious topics and issues.

More information at: 2021.iswi.org/events/

Detailed programme by days

Friday 28th May, 2 – 3 pm: Opening Ceremony

At the official Opening Ceremony we will be coming together to celebrate the start of an interesting and exciting conference.

All participants will be welcomed by the board of ISWI e.V. as well as the president of TU Ilmenau and the Mayor of Ilmenau. There will be performances and speeches, that will set the basis of ISWI 2021. Directly after the Opening Ceremony, there will be a Welcome Party.



Friday 28th May, 3 – 6:30 pm: Welcome Party

Online Welcome Party? You don't know how this should work? Then be there and be surprised. Let's all celebrate together and start the ISWI-Week with a lot of joy!

Saturday 29th May, 6pm – 8pm: The Energy Consumption Of Modern Technology

Speaker:

**Prof. Dr. Martin Ziegler, Prof.
Dr.-Ing. habil. Kai-Uwe Sattler**

We live in the most advanced time in technological innovation, but this technological evolution has always had a huge impact on the resources we consume all over the planet. Especially modern technology requires a lot of energy. In this keynote lecture, Prof. Sattler will talk about the energy usage of e.g. Bitcoin and Artificial Intelligence. Prof. Ziegler will present a project of the TU Ilmenau called memWerk, which investigates memristive materials for neuromorphic electronics which are extremely energy-efficient. Such memristive devices offer a completely new hardware basis for information technology.



Sunday 30th May, 10am – 12am: Causes and Effects of Climate Change



Speakers:

Prof. Dr. Mojib Latif

Dr. Kees van der Geest

Is there any other more important issue than climate change at the moment? Terrifying images of melting ice in the Antarctic, floods and other consequences of climate change reach us every day but the topic of climate change is so complex that people can hardly figure it out. What exactly is meant by climate change and what are the causes for and effects of it? Mojib Latif and Kees van der Geest will explain climate change and their consequences from a scientific point of view.

Sunday 30th May, 2 – 3pm: Open Space 1

Our Open Space(s) at ISWI 2021 is a participant driven-council – usually in a relaxed cafe setting – but just as all our events this year in an online format.

An “Open Space” provides a platform for a gathering of people to participate in smaller sessions based on topics set by and hosted by participants themselves. The event has a basic framework that enables participants to create an agenda, follow their curiosity and interact with others. Talking points are not preplanned. Instead, participants are encouraged to share spontaneous ideas and raise questions on subjects they find interesting.

This can result in storytelling, workshops, sports, yoga, painting, talks and lots more! These can be related to the conference topic but don't have to.

Not only participants of ISWI 2021 but everyone is welcome to join.

We will have two Open Space events during ISWI 2021.

Open Space 1 is on 30.05. from 14:00 to 17:00 CET

Note that this event is parallel to Groupwork. If you have registered for Groupwork, you are expected to attend it.

Sunday 30th May, 7pm – 9pm : Global Politics & Activism

Global warming also influences politics. As the climate change became more serious and more obvious, more and more people decided to take comprehensive action on climate change. During this lecture you will be presented different forms of political engagement in order to bring about change and make our future more sustainable!



Monday 31th May, 2:30pm – 3:30pm: Preventing the next pandemic – Zoonotic diseases and how to break the chain of transmission

Speaker: Dr. Kristina Roesel



Healthy ecosystems and rich biodiversity are fundamental to life on our planet. But even small changes in average temperatures can have a significant effect upon ecosystems. Climate change also affects the habitats of several species which then must either adapt or migrate to areas with more favorable conditions. This loss of biodiversity also leads to more zoonotic diseases like COVID-19. Kristina Roesel is a scientist for animal and human health and will give you an overview on how biodiversity is linked to zoonotic diseases.

Monday 31th May, 7pm – 9pm: Sustainable Energy

Fossil Fuels are currently the world's primary energy source while being responsible for the rise of CO₂ emissions and large amounts of local air pollution. Renewable Energy plays a key role in the decarbonization of our energy systems, but not all renewable energy is also sustainable. During this panel discussion we will talk about the transition towards sustainable energy while touching on topics like energy transport, storage and social implications.



Tuesday 1st June, 12pm – 1:30pm: Climate Communication

Speaker: Assoc. Prof. Dr. halb. Franzisca Weder



Climate change communication matters! There is a gap between the science and public understanding of climate change and communication can fix this problem. In this lecture you will learn about the most efficient ways to communicate climate change. How can communication help to make our lives more sustainable and how would you describe the role of celebrities in climate communication? Dr. Franzisca Weder is a senior lecturer at the University of Queensland. She researches and teaches in the areas of Organizational Communication and Public Relations with a specific focus on sustainability communication and corporate social responsibility.

Tuesday 1st June, 6:30pm – 7:30pm : The sand crisis

Speaker: Kiran Pereira

Sand is the world's second most consumed natural resource and an essential foundation of industrial society. But almost no one is aware of the fact that we are actually running out of sand. Environmental changes like rainfall, changes in sea level, seawater temperature and other ocean dynamics lead to the erosion of beaches. The scarcity of sand has spawned an illegal trade and lead to over-exploitation of sand that causes death and destruction of natural environments.



Wednesday 2nd June, 3:30pm – 6:30pm : Open Space 2

Open Space 2 is on 02.06. From 15:30 to 18:30 CET



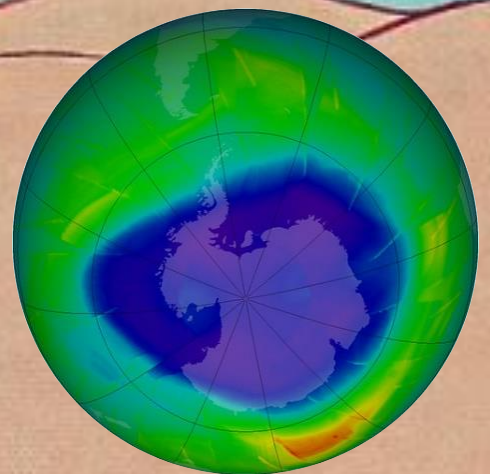
Wednesday 2nd June, 2 – 3pm : Movie Time

Watching movies together while being far away is still possible. During the event, we will show you a surprise documentary movie, so stay tuned for this. But to give you some hints: It will dive deep into the topic of water reduction. At the date of the event, we will share the name of the movie. If you want to discuss it afterwards with other participants, we recommend joining our Discord Server.

Thursday 3rd June, 4:30 – 5:45pm : We fixed the ozone hole, we can fix our climate!

Speaker: David Doniger

David Doniger has been at the forefront of the battle against air pollution and global climate change since 1978. He helped formulate the Montreal Protocol, an international agreement designed to stop the depletion of the earth's ozone layer, as well as several essential amendments to the Clean Air Act. Currently, Mr. Doniger is working on banning HFC's to save the climate. HFCs or hydrofluorocarbons, are super greenhouse gases.





Thursday 3rd June, 6 – 7pm : Healing Deforestation

Speaker: Juliano Ribeiro Salgado

Deforestation is a massive problem which we face all over the world. Cutting large forests in order to get the land for farming and agriculture, mining or drilling, building infrastructures. Droughts and wildfires also play their role. The good news is that we can stop it, we can heal the land and replant our forests. Instituto Terra in Brazil is doing it every day. As a result of the initiative started by Lélia Deluiz Wanick Salgado and Sebastião Salgado, now the former pasture became a beautiful Atlantic Forest again and the institution which grew from their initiative is still replanting the areas. Juliano Ribeiro Salgado, the vice president of Instituto Terra will share this unique experience with us and tell us how everyone can help in fighting deforestation and heal our forests.

Friday 4th June, 5 – 7pm : The future of urban mobility

Fossil Fuels are currently the world's primary energy source while being responsible for the rise of CO2 emissions and large amounts of local air pollution. Renewable Energy plays a key role in the decarbonization of our energy systems, but not all renewable energy is also sustainable. During this panel discussion we will talk about the transition towards sustainable energy while touching on topics like energy transport, storage and social implications.



Saturday 5th June, 2 – 3:30pm : Closing Ceremony

This is the last time all participants, groupleaders and people organizing ISWI will come together and celebrate the end of a week full of new ideas and insights. Together we will look back on a week full of discussions, lectures and celebration before everybody leaves again and takes their new ideas back home to put them into action.

Funders and Friends:



Supporters & Friends of ISWI:



Auswärtiges Amt



Landesvereinigung
Kulturelle Jugendbildung
Thüringen e.V.



Staatkanzlei

