



METU International Student Conference on Climate Change and Renewable Energy Proposal



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international student
conference on
climate change and
renewable energy


METU
International Student Conference on Climate Change and
Renewable Energy Proposal
by
Middle East Technical University Physics Society Board

A Student Conference on Climate Change and Renewable
Energy at Ankara. This document consists of information about
the objective and scope of the conference along with the
details of organization scheme.

Chair
Ege Can Karanfil
Board
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Yargı Akdan
Yunus Emre Özen



Introduction



As METU Physics Society/LC Ankara, we decided to hold a conference upon addressing the current issues about climate change, renewable and sustainable energy. As the main agenda of all authorities, this topic holds the utmost importance of our era. We, METU students, recognize that we have a tradition that is summarized in our Code of Ethics \& Core Values as "METUians regard the forest cultivated on the university's land and the ecological diversity within as a value; they attach importance to its conservation and improvement, and, in general, strive for the creation of sensitivity towards the natural environment and the spread of protectionist tendencies" . Therefore, we aim to enlighten our generation and colleagues all around the world under the influence of this worthwhile tradition of ours. Our plan to hold a conference upon emphasizing the significance and circumstances of climate change, and about possible solutions to current problems is hereby proposed with procedural details.

For Whom?

The participants are expected to be affiliated with Physics, Chemistry or relevant engineering departments and/or research facilities on the subject manner of corresponding institutions. The participant may be of any degree of his studies.

We do not expect all of the participants to hold a student lecture or a poster presentation, yet plan to give priority to those who can. We expect about 250 participants to attend.

Why METU?

As our official motto suggests, "we can change the world"!

Middle East Technical University has proven its determination on change repeatedly by creating a human-grown forest on two thirds of its campus of 11,000 acres since 60's. It is our sincere belief that METU's Ankara Campus will provide a unique experience with its rooted traditions and dynamic worldview for all of our colleagues around the world. metu.edu.tr

Moreover, being in the middle of three continents, Anatolia is fairly accessible for students in Europe, Asia and Africa. Also has great destinations for those who want to wind off for couple of days.

Collaboration

METU Physics Society plans to collaborate with International Association of Physics Students (IAPS) concerning the announcement of the event worldwide. Also, we believe that IAPS is an excellent organization for students to construct partnerships with other student societies like us.

OSA and SPIE chapters are also considerable collaborations given the research and fund they provide on the subject matter.

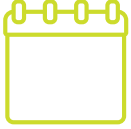
Most importantly, we would like to organize seminars that introduce the facilities GUNAM and RUZGEM on our campus followed by a field-trip. Hence, we regard the collaboration with these facilities vital.



Project

This section is dedicated to draw a sketch of the conference.

Conference Details



Date

The conference is expected to take place at end of August 2020 or the first week of September 2020 (preferably 24-28 August 2020) and expected to be a 4 (or 5) day event.



Venue

It is expected to be held in METU Ankara Campus. The accommodation is going to be any available METU Student Dormitory. The preferred venue for the seminars, lectures, and poster presentations is the United Auditorium Hall, U3 and Physics Department Foyer/Lounge. The workshops may be held in auditoriums numbered as P\#.



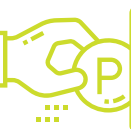
Transportation

We wish to use ring busses for the field excursions or possible conference dinner/breakfast or a visit to Lake Eymir or transportation for the possible tree planting event.



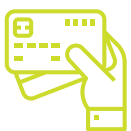
Registration

We aim to start the registration process about the second week of April. A second round of registration may be opened depending on the number of participants applied at the first round.



Participation Fee

Participation fee must cover at least breakfast, dinner and accommodation during the conference. Depending on the sponsorship agreements that might be acquired later, the amount of the fee is going to be finalized. METU Physics Society does not receive any profit.



Payment Procedure

Via bank account. (PayPal or other payments methods are not applicable.) Payments should only be upon receiving an acceptance letter issued by the METU Physics Society. It is expected from participants to upload a scanned copy of their receipt to an online platform that is provided by METU Physics Society.



Budget

An extensive budget is going to be provided upon request.

Possible Schedules

Possible schedules are provided as a separate document upon request.

Lectures & Seminars

Lectures/Seminars are going to be given by academic staff that are kindly invited in U3 Auditorium. The content can be chosen by the lecturer in the topics of climate change and/or renewable energy. Recommended duration of a lecture is 60 to 90 minutes.

Student Lectures

A participant may give a student lecture, that is related to his original work on the topics climate change and/or renewable energy. The participant may represent his research in any format of his liking. Recommended duration of a student lecture is about 20 minutes.

Any participant who wishes to give a student lecture should provide an abstract of his work during registration period. The research is going to be examined by an elected committee of professors affiliated with METU Physics Department against any academic misconduct.

Poster Presentations

Same procedure described in section 2.4 (Student Lectures) are going to be applied for any poster submitted during registration period.

Workshops

Workshops might be held by other METU Student Clubs/Chapters (e.g. OSA, SPIE) or other volunteer organizations (e.g. TEMA Vakfı, GÜNEŞKÖY, etc.), or representatives of companies that work in the field of renewable energy or sustainability or any IAPS committee that wishes to collaborate with us.

Field Excursions

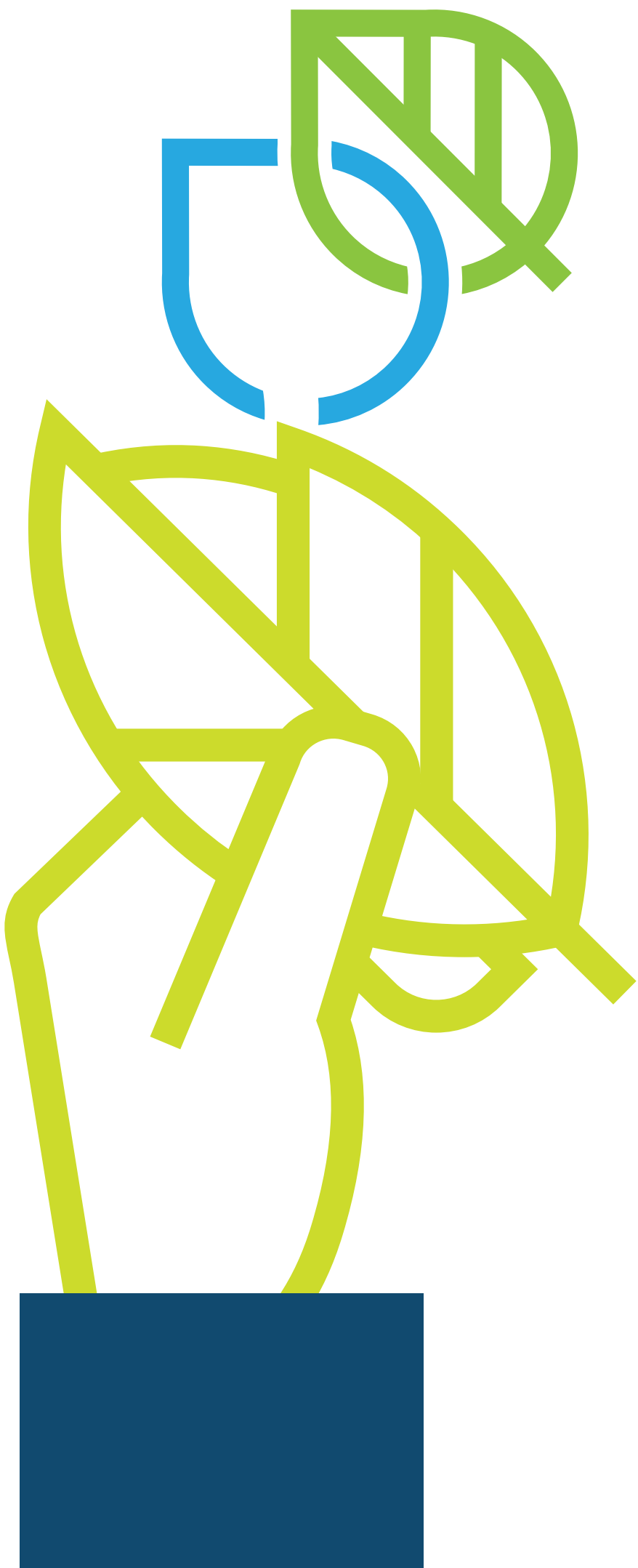
A field excursion to the GUNAM Facility and/or GÜNEŞKÖY at Elmadag is desired.

Panel Discussion

Aim of this panel is to provide a platform to the students to share their ideas and questions/answers related to climate change, renewable energy or sustainability. This event is going to be moderated by a student and will be student oriented in any means. Any possible solutions for the current climate change problem within a physics student's framework can be brought upon discussion at this event. Panel is going to be recorded, proceedings and a report might be published online at the event website.

Additional Events

A conference dinner is going to be held at the second day of the event. Social events will be held in each evening. Some possible ideas are, "Free Night", "Eymir Lake Event", or an optional departure day event consisting of an excursion to historical or natural sights.



Arrival & Accommodation

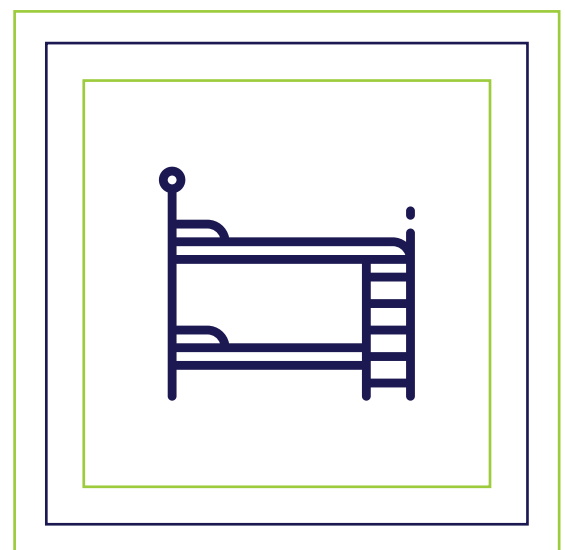


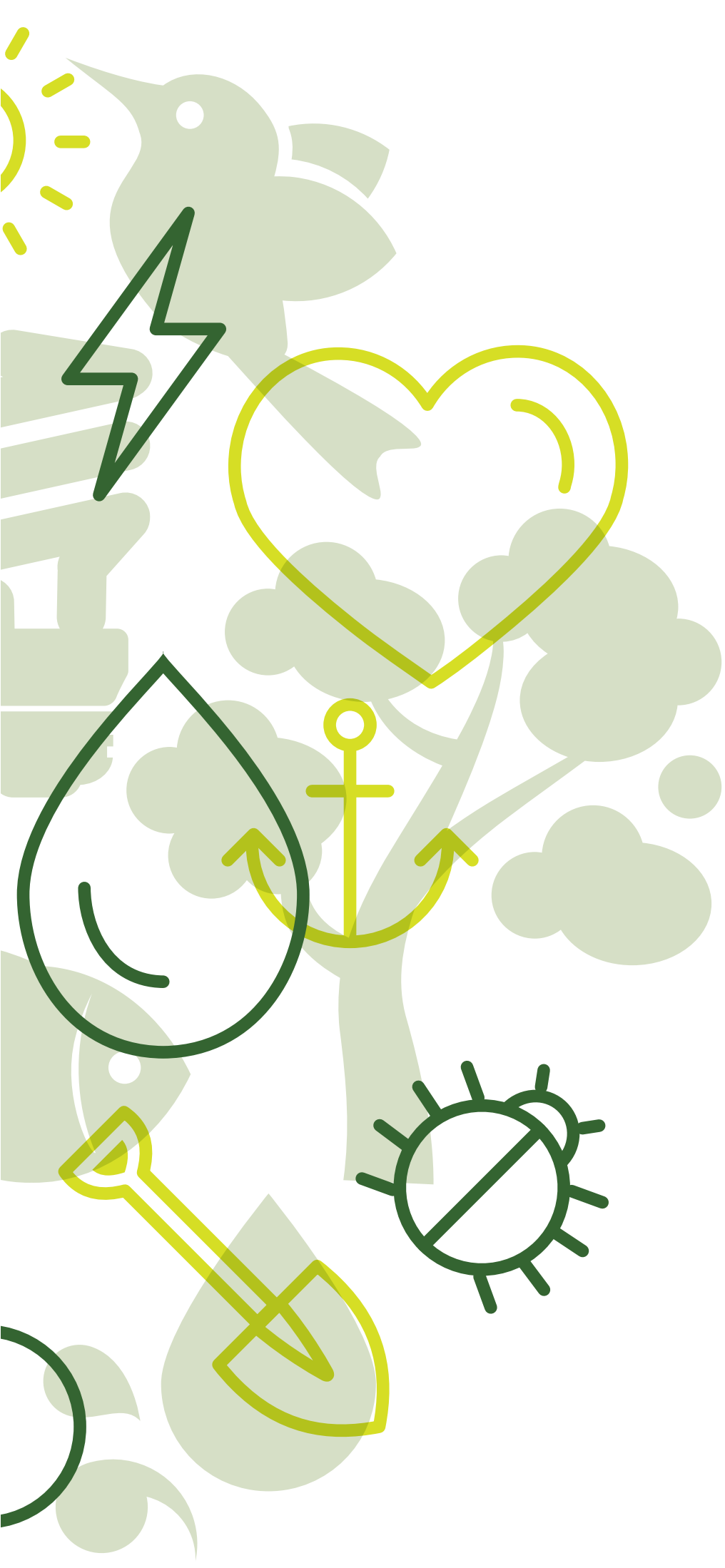
Arrival

The first day of the event is arrival day. Check-in procedure for dorms are expected to be completed around 4pm. Location of the campus and all necessary information is going to be provided to the participants via e-mail. Participants are expected to provide an ID and the hard copy of their acceptance letter to the conference when requested at the entrance gates.

Accommodation

The preferred accommodation for this conference is METU Student Dorms. Due to school policy, male and female participants cannot share the same block and participant cannot decide his/her roommates. Rooms are randomly assigned upon arrival. The dorms provide bed sheets and pillows. Items such as towels, hairdryers, toilet papers and shampoo/soap must be provided by the participant.





Social Events

METU Physics Society is not only a student club for those who are interested in Physics but is our family at the department (we even have our own soccer team!) and we would like everyone to have the "campus experience" as we do all year round.



Conference Dinner

To be announced later.



Parties

Possibly an event to be held at Alumni Facility.



Breakfast

Breakfast is a very important affair in Turkish culture, especially with friends.



Coffee Time

Precisely, having a cup of coffee and getting to know each other.



Departure Day Event

This is for those who either have whole day to depart from Ankara, or just want to extend their visit a little bit longer.



For Participants with Disabilities

Arrival & Departure

Any help required shall be provided by the volunteers from METU Physics Society. The participant must inform us of his/her condition during registration period. Also, any further notice can be done anytime. We shall provide contact info of the volunteers beforehand.

During the conference

For help that is needed during the conference, METU Physics Society must be informed extensively so that we may prepare suitable material or volunteer work from more specialized societies.

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