



www.extremophiles2022.org



13TH INTERNATIONAL CONGRESS ON EXTREMOPHILES
SEPTEMBER 18/22, 2022 - LOUTRAKI - GREECE



EXTREMOPHILES 2022

September 18-22, 2022

Loutraki (near Athens) Greece

Companies are encouraged to sponsor the
conference!

Invitation

Extremophiles 2022

The conference will be held at the **Club Hotel Casino Loutraki** from the 18th - 22nd of September 2022, in **Loutraki** (80 km from Athens, GREECE; <https://www.clubhotelloutraki.gr/hotel/en/>).

The **Extremophiles2022** International Congress aims to bring into light all the recent updates of basic and applied research on “life in extreme environments”. As a result, the program will include sessions in many aspects of “extremophilic research” including, among others, origin of life, ecology, astrobiology, molecular biology, physiology and biotechnology, as well as a special workshop from Mikrobiokosmos (the Hellenic Initiative for Microbial Diversity).

In parallel, the organizers aspire for **Extremophiles2022** to provide a stimulus for high quality research interactions, to inspire young scientists and students through networking with senior and established scientists, and to pave the way for a bright future in this exciting field.

We cordially invite you to participate in Extremophiles2022 and enjoy a stimulating Congress in a vivid and scenic spa resort town by the sea as well as the famous Greek hospitality and cuisine

We particularly encourage young researchers to join and present their work.

We are working hard to ensure an inspiring and memorable Congress!

More details can be found on the regularly updated website:

<http://www.extremophiles2022.org/>

Please forward this mail to your networks and interested colleagues.

Looking forward to meeting you in Loutraki.

On behalf of the Local Organizing Committee,



Professor Konstantinos Vorgias

Congress Chair

Congress chair

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Scientific audience

The audience in this conference series is a balanced combination of established group leaders and emerging young scientists in their early career, composing a vibrant community interested in next generation technologies and services to keep their research to the top and in creating networks of collaborations with corporate and scientific partners.

Most recent discoveries in the following disciplines will be presented:

- extremophiles: a link between earth and astrobiology
- bioenergetics: transport of solutes across extremophile's membranes
- biotechnology of DNA-associated enzymes in extremophiles
- molecular genetics systems for extremophiles and their applications
- deep-subsurface microbes-piezophiles
- extremophiles for sustainable biorefineries
- microbial immunity, defense, CRISPR, anti-CRISPR and microbe-virus interactions
- genomics, metagenomics, proteomics and culturomics for extremophiles
- microbial communities at extreme conditions and their applications
- novel and sustainable resources from marine extremophiles
- metabolism and physiology evolution of extremophiles
- extreme membranes and transporters
- taxonomy and evolution of extremophilic archaea
- extreme symbioses, deep-sea animal host-microbe associations, microbe-microbe associations in terrestrial hot springs
- extremophiles and biotechnology: current uses and prospects (enzymes of extremophiles, food, ect)

Location

Club Hotel Casino Loutraki
<https://www.clubhotelloutraki.gr/hotel/>

Organizing Secretariat: Yes Meet

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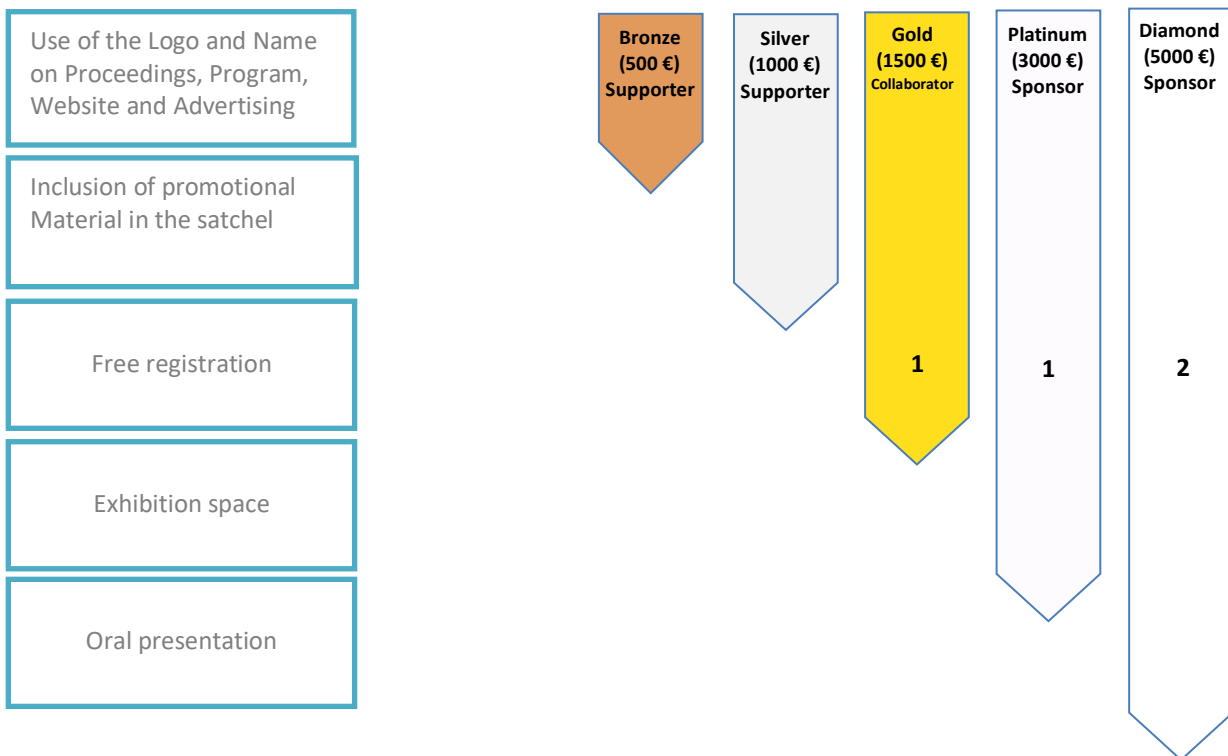
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The Organizing Committee calls for sponsorship to support and assure the success of Extremophiles2022

The International Congress of Extremophiles is traditionally recognized as the forum of excellence for exploring the frontiers in basic and applied science of life in extreme environments. Companies supporting Extremophiles2022 have the opportunity to present their most advanced products and services to a very active and international scientific community and are welcome to exploit the space offered in the conference site. Scientific organizations can establish new contacts and create opportunities for joined collaborations and consolidate actions.

Different levels of sponsorship are available and have the following benefits:



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