


Upcoming opportunities for cancer therapy and research with ion beams.

 Friday 6 Nov 2020, 09:00 → 13:20 Europe/Athens

Agenda and Registration in <https://indico.cern.ch/event/968289/>

The registrant list via the indico page will be very useful for future communication.

Interested participants can register via the link <https://indico.cern.ch/event/968289/>


Immediately after the meeting, the registrant list is going not to be de-activated in accordance with the rules on Data Protection.

For registration (optional) please use the "registration" button.

Please note that after the meeting the registrant list will not be visible any longer in accordance with "Data Privacy Policy" rules. In the event that any registrant wishes to erase his/her registration already please contact: Valerie.Brunner@cern.ch and/or Yiota.Foka@cern.ch

Contacts: Γιωτα Φωκα yiota.foka@cern.ch, Αλεξάνδρα Ιωαννίδου anta@physics.auth.gr

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Aim

The aim of this first meeting in the format of a simple scientific exchange is :

To inform the scientific community in Greece, starting in Thessaloniki about:


- the current status and progress on treatment of cancer tumours using ion beams,
- further possibilities and opportunities opened up by this method,
- future plans and further developments.

The aim is also to present the proposal by SEEIIST

«Διεθνές Ινστιτούτο Νοτιοανατολικής Ευρώπης για Βιώσιμες Τεχνολογίες» for a
«Εγκατάσταση για Θεραπεία Όγκων και Βιοϊατρική Έρευνα στη Νοτιοανατολική Ευρώπη»

as well as related opportunities for research and cancer therapy

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Aim

Such a facility will require a large interdisciplinary scientific community.

Therefore, the aim is also:

- To establish contacts with a broader medical and scientific community in Greece,
- To include related scientific communities of Greeks of diaspora,
- And to discuss current activities, interests and future perspectives related to this subject.

There are ongoing efforts already to identify such communities in South-East Europe.

The relevant disciplines span from

(α) medicine, biology, medical physics

(β) nuclear and radiation physics, accelerator and detector physics

(γ) to engineering, informatics, industrial research, material science etc

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Why Thessaloniki



Thessaloniki

TECHNOPOLIS




ARISTOTLE UNIVERSITY
PHYSICS DEPARTMENT

Graduate of Physics, AUTH
Nuclear Physics Laboratory



PAPAGEORGIOY HOSPITAL

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One can type in contact details via the zoom chat window

For information: Γιωτα Φωκα (yiota.foka@cern.ch), Αλεξάνδρα Ιωαννίδου (anta@physics.auth.gr)

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09:00 → 09:10 **Welcome and introduction**

Speaker: Yiota Foka (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

09:10 → 09:40 **SEEIIST current status and aims of the project**

Speaker: Sanja Damjanovic (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

09:40 → 10:10 **Cancer therapy with ions**

Speaker: Christian Graeff (GSI)

10:10 → 10:30 **Cancer statistics and registers**

Speaker: Mimoza Ristova (Uni Skopja)

10:30 → 11:00 **Next generation ion facilities for cancer therapy**


Speaker: Maurizio Vretenar (CERN)

11:00 → 11:10

BREAK

Recordings of presentations will be available

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11:00	→ 11:15	BREAK
11:15	→ 11:25	Particle Therapy MasterClass an educational outreach project Speaker: Yiota Foka (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))
11:25	→ 11:40	Technopolis projects and artificial intelligence Speaker: Anastasios Tzikas (Technopolis)
11:40	→ 11:55	Education and research at the Aristotle University of Thessaloniki ¶ Speaker: Aleksandra Ioannidou (AUTH)
11:55	→ 12:05	Radioisotope production using linear accelerators Speaker: Aris Mamaras (AUTH)
12:10	→ 12:25	Papageorgiou general hospital, a pioneer in the Greek health system Speaker: Michail Karaviotis (Papageorgiou Hospital)
12:25	→ 12:40	Real life experience on cancer tumour treatment with ion beams in Heidelberg Speaker: Simon Hoene (KopfKlinik)
12:40	→ 12:50	Architectural plans for a green facility Speaker: Mr Dimitris Kaprinis (Architect)
12:50	→ 13:00	Closing remarks Speaker: Emmanuel Tsesselis (CERN)
13:00	→ 13:15	Questions and answers

Recordings of presentations will be available