

Training Workshop on Magnetic Nanohybrids for Cancer Therapy

within the framework of the MaNaCa Twinning|Horizon2020 project: grant agreement No 857502 (2019-2022)

<http://magnacharta.physics.auth.gr/manaca-workshop.htm>

07-09 April 2022

Venue: Balkan Center-CIRI-AUTH

Thessaloniki-Greece

Scope: This is the 4th training workshop within the framework of the MaNaCa

Twinning|Horizon2020 project (2019-2022). This workshop will focus on structural

and magnetic characterization of magnetic nanohybrids and their application for cancer

therapy. Aiming to establish a tradition, this workshop will provide training in the **basic principles of nanomagnetism** and its **biomedical applicability** thorough a broad series of **fundamental lectures**, while offering the **latest insights into up-to-date aspects of magnetically driven cancer therapies**.

Workshop Program: This workshop, held in English, is addressed to Greek and foreigner graduate and PhD students, as well as to post-doc and young researchers working on the field of magnetic nanomaterials exploring their biomedical applicability. Program consists of morning and early afternoon lecture sessions. Students may hang their **poster presentations** and discuss their results throughout the workshop. Two **hand-on Lab courses** will take place on Saturday, April, 09, where students will follow a rigorous protocol for sample preparation and experimental/theoretical evaluation of magnetic particle hyperthermia.

Registration Fee: 150 euro. Registration fee covers conference kit, refreshments and lunches during workshop, the workshop dinner on 02/04/2020 and the guided tour.

Social Program

07/04/2022

Visit at the Ancient Greek Technology exhibition + Workshop Dinner at Noesis-Thessaloniki Science Center & Technological museum.



Magnetic Nanostructure Characterization:

Technology & Applications

