

Magnetic nanoparticles in hyperthermia and related applications

Białystok, 21-22th September 2017

Preliminary program

Thursday, 21.09.2017

8.30 -9.00	Registration
9.00 -9.15	General Introduction
9.15-10.00	Invited
10.00-10.45	Invited
10.45-11.15	Coffee break
11.15-12.00	Invited
12.00-12.45	Invited
12.45-13.45	lunch break
13.45-15.45	oral presentations
15.45-16.15	coffee break/ poster session
16.15-18.00	oral presentations

Friday, 22.09.2017

9.00-9.45	Invited
9.45-10.30	Invited
10.30-11.00	coffee break
11.00-11.45	Invited
11.45-12.30	Invited
12.30-13.30	lunch break
13.30-15.30	oral presentations
15.30-16.00	coffee break/ poster session
16.00-17.30	oral presentations

Initial information

The COST Radiomag Conference “Magnetic nanoparticles in hyperthermia and related applications” will be hosted by the University of Bialystok on September 21-22 in Bialystok, Poland.

Deadline for registration for the Conference is 30th July 2017, the registration form can be found here. (link: <http://bit.ly/2sp0OUC>)

This Conference is dedicated to researches who are interested in fabrication and application of magnetic nanoparticles.

Participation is free of charge. Partial travel grants for the limited number of participants will be available according to Radiomag COST Action (TD 1402) rules.

Detailed information about the Conference

Organizers:

Beata Kalska-Szostko, Ph.D. (University of Bialystok, Institute of Chemistry, Ciolkowskiego 1K street, 15-245 Bialystok, Poland) kalskaszo@gmail.com

Urszula Klekotka, MSc. (University of Bialystok, Institute of Chemistry, Ciolkowskiego 1K street, 15-245 Bialystok, Poland) ula.wykowska@gmail.com

“Magnetic nanoparticles in hyperthermia and related applications”

Conference Venue: Campus University of Bialystok, Ciolkowskiego 1K, Bialystok, Poland

Dates: September 21th to 22th, 2017

Local Contacts: Urszula Klekotka, University of Bialystok, Bialystok, Poland, ula.wykowska@gmail.com

Beata Kalska-Szostko, University of Bialystok, Poland, kalskaszo@gmail.com

Registration:

The Conference is dedicated particularly to Members of the COST Action Radiomag. The number of grants from Radiomag COST Action for participants is limited.

Please note that pre-registration does not automatically mean acceptance, but the decision will be based on the submitted abstract.

If you are interested in active contribution to this conference, please submit an abstract via the registration sheet below.

The **Flyer** for the Conference can be downloaded [here](#) (attached jpg file).

Please **register for the event** via the [attached link](#) (<http://bit.ly/2sp0OUC>) **by July 30th, 2017**.

Participation in the conference is free of charge.

Partial travel reimbursement can be claimed by all active participants of the conference according to COST Action rules. The reimbursement limit will depend on the number of participants and will be announced before the meeting. For questions please contact ula.wykowska@gmail.com, or kalskaszo@gmail.com.

Please note that from September 18 to 21 the 2017 *E-MRS Fall Meeting* will be held in Warsaw University of Technology, in case you wish to combine these two events.

Scope of the International Conference:

We kindly invite you to the Conference **“Magnetic nanoparticles in hyperthermia and related applications”** which will take place on 21-22 September 2017 in Bialystok, Poland.

Applications of functional magnetic nanomaterials attract an increasing attention. The physicochemical properties of magnetic nanomaterials can be tuned through variation of factors such as composition, temperature, pressure, strain, external fields, defects, film orientation and nanoparticle size. Therefore, purpose of this Conference is to discuss the recent development of nanotechnology (especially magnetic nanoparticles) and its challenges in medical applications. During the conference, the experience and achievements of nanotechnology in magnetic hyperthermia and other medical applications will be reviewed and discussed.

The conference **“Magnetic nanoparticles in hyperthermia and related applications”** will be a forum for scientists with experience in the field of the nanoparticles to present and exchange new research data and cutting edge ideas related to the scope of the conference. We hope that event will also open new opportunities for collaboration between COST action members and others.

The scientific focus of the meeting will be on the fabrication of nanoparticles and their application in hyperthermia and other fields.

Topics:

- Nanoparticle Synthesis
- Nanoparticles Characterization
- Magnetic hyperthermia
- Other applications of Nanoparticles

Invited Speakers:

- tba

Travel Information:

Airports:

Chopin Warsaw Airport (Okęcie)

Modlin Warsaw Airport

Trains Warsaw-Bialystok

About 10 trains per day (~2.5h)

About 10 buses per day (~3.5h)