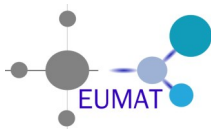




Politecnico di Torino (www.polito.it) is a "Research University" acknowledged as a centre of excellence in all over the world for the qualifying research areas of Architecture and Engineering. The development of the fields of excellence, the investment on frontier subjects, and also the support to the curiosity driven research allow a virtuous mix of basic and applied research. Politecnico is more and more engaged in increasing its participation in European, national and regional research projects, and provides its own scientific skills to companies interested in innovation.



Alliance for Materials Italia (A4Mit) intends to contribute and to provide an effective coordination between different sectors (maintaining the relative autonomy, interests and strategies of each) in order to achieve the best and most effective use of community resources in Materials R&D targeted to make effective contributions to the Societal Grand Challenges.



The main goal of **EuMaT** is to contribute to the best relation and dialogue between industry, R&D actors and institutions aiming at improving the coordination and synergies at national and European level in the field of Materials R&D.



The **KMM-VIN** is an international, non-profit association (AISBL) head-quartered

in Brussels. The aim of KMM-VIN is to foster the creation of a powerful platform for research and development and industrial application of advanced materials in order that Europe may become a global power in this field, thus contributing to enhancing the quality of life of European society.

Workshop information

Registration procedure

Your registration, **FREE OF CHARGE**, can be submitted by e-mail to cristiana.contardi@polito.it before July 4th 2104

Information requested for registration:

- Last name, First name (s)
- Company/Organization, Address, City, Country
- Phone, e-mail

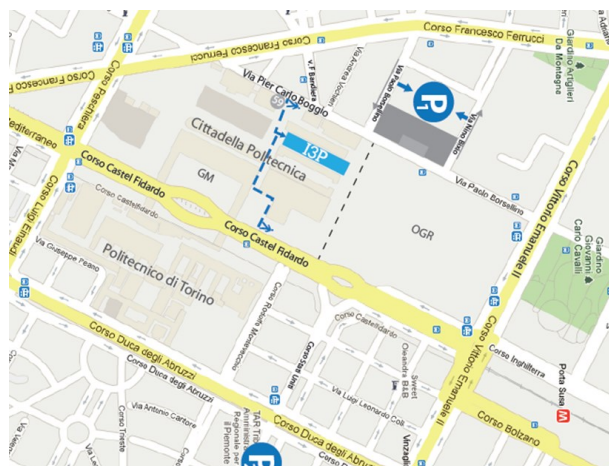
For information please contact

Prof. Enrica Verné

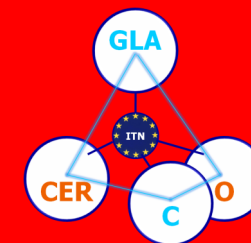
Politecnico di Torino—DISAT
C.so Duca degli Abruzzi 24, 10129 Torino, Italy
e-mail: enrica.verne@polito.it
Phone: +39 011 0904717
<http://www.composites.polito.it>

Venue

I3P - Innovative Enterprise Incubator of the Politecnico di Torino — Sala Agorà
Corso Castelfidardo 30/A — Torino—Italy
(Pedestrian Entrance: **Via Pier Carlo Boggio 59**)

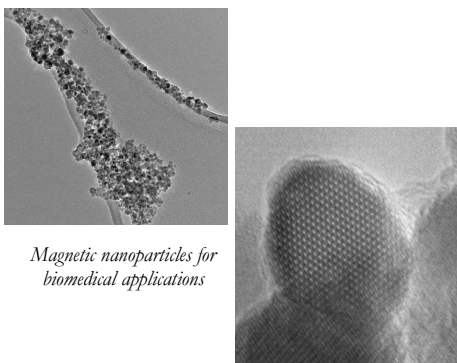


Materials for Health: a Value Chain in the Frame of H2020



16-17 July 2014,
Torino, Italy

Organized by Politecnico di Torino and co-funded by GlaCERCo project (www.glacercoco.eu). GlaCERCo has received funding from the European Union's Seventh Framework Programme managed by REA-Research Executive Agency <http://ec.europa.eu/research/rea> and it participates in a Marie Curie Action (GlaCERCo GA 264526).



Magnetic nanoparticles for biomedical applications

The workshop is focused on clinical, research and industrial issues related to biomaterials for tissue regeneration and targeted therapy.

It is organized with the co-participation of three European Working Groups on Biomaterials:

WG “Materials for Health” of the platform Alliance for Materials Italia (<http://www.apre.it/eventi/2013/1-semester/a4mit/>),

WG7 “Biomaterials” of the EuMat platform (<http://www.eumat.eu/>)

WG3 “Biomaterials” of KMM VIN (<http://www.kmm-vin.eu/>)

The event represents an opportunity for the scientific and industrial communities to exchange their perspectives on the next H2020 call topics concerning Materials for Health.

The event will be also an opportunity for young researchers to improve their personal skills and widen their perspectives on R&D issues both from an academic and industrial point of view.

13:00 Registration

14:00 **Welcome and Introduction**

Prof. Dr. Michal Basista
KMM-VIN AISBL, Brussels, Belgium
CEO of KMM-VIN

Session I: Clinical issues

14:30 **Clinical issues and in vivo models in cancer therapy**

Dr. Ymera Pignochino, Institute for Cancer Research and Treatment, Candiolo, TO, Italy

15:00 **Target delivery strategies for the treatment of rare diseases**

Prof. Antonia Follenzi, Università del Piemonte Orientale, Vercelli, VC, Italy

15:30 Coffee break

Session II: Materials for Health (i)

16:00 **Introduction**

Prof. Enrica Verné, Politecnico di Torino, Torino, TO, Italy.
Coordinator of the WG “Materials for Health—A4Mit”

16:30 **Bioactive glasses for tissue engineering and drug delivery**

Prof. Chiara Vitale Brovarone, Politecnico di Torino, Torino, TO, Italy

17:00 **Magnetic nanomaterials in biomedicine: therapies and diagnostics**

Dr. Alek Dediu, Institute for Nanostructured Materials, CNR, Bologna, BO, Italy

17:30 **Multifunctional magnetic nanoconstructs for cancer imaging and therapy**

Dr. Paolo Decuzzi, Drug Discovery and Development, IIT, Genova, GE, Italy.
Houston Methodist Research Institute, Houston, Texas, USA.

18:00 Open discussion, networking

Session III: Materials for Health (ii)

9:00 **Introduction**

Dr. Marco Falzetti, CSM, Roma, Italy
Chairman of EuMaT Steering Committee, A4M and A4Mit

9:30 **Composite materials for multifunctional tissue engineering scaffolds**

Prof. Dr. Aldo R. Boccaccini, University of Erlangen-Nuremberg, Erlangen, Germany.
Coordinator of the WG3 “Biomaterials”, KMMVIN

10:00 **Models covering regulatory cues of the bone metabolism: merging biology and mechanics**

Dr. Stefan Scheiner
University of Technology, Vienna, Austria

10:30 **Materials and tools for advanced therapies**

Prof. Terence A. Wilkins, University of Leeds, Leeds, UK

11:00 Coffee break

Session IV: From lab to industry

11:30 **The industrial point of view**

Dr. Silvia Pascale, Sorin Group, Saluggia, VC, Italy.
Coordinator of the WG7 “Biomaterials” - EuMaT Steering Committee

12:00 **Materials and technologies for biomedical applications: industrial issues**

Dr. Cristina Diaz Jimenez, AIN TECH, Navarra, Spain

12:30 **Development and production in ISO 13485 perspective**

Dr. Konstantin Sipos, Rescoll, Pessac Cedex, France

13:00 Lunch

14:00 **Final discussion and round table: “A perspective view of H2020 calls (2016-2017)”**

15:00 End of workshop