



Horizon 2020: The European Union's Framework Programme for Research and Innovation*

EU-U.S. Materials Research Collaboration and Funding Opportunities

Tuesday, December 3, 2013

6:30pm – 9:30pm

Sheraton Boston Hotel, 39 Dalton St, Boston, MA 02199

Room: Back Bay D, 2nd Floor

AGENDA

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| 6:30 – 6:40pm | Introduction –
Dr. James P. Gavigan , Minister Counselor, Head of the Research and Innovation Section, Delegation of the European Union to the USA |
| 6:40 – 7:15pm | Overview and Opportunities for Transatlantic Materials Research Cooperation in Horizon 2020
Dr. Marcin Sadowski , Research Programme Officer, European Commission, Directorate General for Research & Innovation |
| 7:15 – 7:45pm | Testimonials on the Benefits of Transatlantic Cooperation in REFREEPERMAG and other EU Projects
U.S. Perspective: Dr. George C. Hadjipanayis , Richard B. Murray Professor of Physics and Astronomy, University of Delaware
EU Perspective: Dr. Dimitris Niarchos , Former Director and President of the Board of NCSR "Demokritos" |
| 7:45 – 8:00pm | Euraxess Links North America
Ms. Viktoria Bodnarova , Regional Representative |
| 7:50 – 8:30pm | Discussion, Q/A with the audience |
| 8:30 – 9:30pm | Networking reception |

Horizon 2020 is the European Union's main instrument for funding research and innovation activities over the next seven years (2014 to 2020). It focuses on three overarching priorities – excellent science, industrial leadership and societal challenges, and is due to be launched by the end of 2013. Recognizing the increasing importance of internationalisation in how knowledge is produced and used as well as the global nature of the many societal challenges requiring research and innovation solutions, Horizon 2020 is open to participants from anywhere in the world, building on the success of international cooperation in previous framework programs.

During the presentation the main elements of Horizon 2020 will be described in terms of content, types of activities funded, forms of participation, the rules which apply, etc. The different types of international cooperation which Horizon 2020 can accommodate – at individual researcher, collaborative project or program level will also be described.

EURAXESS Links North America will also be presented. This is an EU-funded networking tool and service for all researchers wishing to collaborate and/or pursue a research career in Europe.

*Space is limited so be sure to sign up early
For more information and to RSVP, contact:*

Delegation-usa-era@eeas.europa.eu



*Note for 2013 MRS Fall Meeting Delegates: Dr. Gavigan will give an overview presentation of Horizon 2020 during the Government Agency Forum at 10:30am – Hynes Convention Center Room 311

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James P. Gavigan is Head of the Research and Innovation section at the European Union's Delegation to the U.S. in Washington DC. He started his career as a research physicist in 1985, working in France, Ireland and Italy on the intrinsic magnetic properties of rare-earth transition metal intermetallics, and obtaining his doctorate from Trinity College Dublin in 1988. He joined the European Commission in 1990 as scientific project officer for advanced materials. Over 23 years at the European Commission, he has worked in different research policy and program positions, the most recent being as Head of Unit in charge of European Research Area policy prior to his posting to Washington in September 2012.



Marcin Sadowski is a Research Programme Officer at the Directorate General for Research and Innovation of the European Commission. He is responsible for research on advanced materials for electronics and photonics. He obtained a PhD in physics from Warsaw University in 1994 and later worked on investigating the optical properties of semiconducting structures and materials – including graphene – in Warsaw, Montpellier, and Grenoble, until 2007, when he moved to the European Commission in Brussels.



George C. Hadjipanayis received the B.Sc. degree in Physics from the University of Athens (1969), and the M.Sc. and Ph.D. degrees in Physics from the University of Manitoba (Canada), in 1974 and 1979, respectively. Prof. Hadjipanayis was an assistant professor (1982-1985) and associate professor (1986-1988) in the Department of Physics at Kansas State University. In 1989 he joined the faculty of the University of Delaware as a full professor. In 1998, Prof. Hadjipanayis was a Humboldt Senior Fellow at the Max Planck institute (Stuttgart, Germany). In 1999, he assumed the position of Richard B. Murray Distinguished Professor of Physics and Astronomy in the Department of Physics and Astronomy at the University of Delaware. He has been recognized for seminal advances in scholarship with the Francis Alison Award (2005) and by elevation to Fellow of the American Physical Society (2001). Prof. Hadjipanayis' areas of interest span hard magnetic materials with a focus on high performance permanent magnets and magnetic nanoparticles for storage media and biomedical applications. He has published more than 500 technical articles in peer-reviewed science and engineering journals, including book chapters, review articles, and invited technical feature articles on the topical areas of rare earth magnetism, nanotechnology, and permanent magnet materials, among others.



Dimitris Niarchos obtained his PhD in Materials Science from Athens University (Greece) in 1978 and an MBA of R&D from Loyola University in 1985. From 1978 to 1981 he was IAEA Distinguish Post-Doctoral Researcher at Argonne National Lab. From 1981 to 1985 he was Assistant Professor at the Illinois Institute of Technology, Chicago, and then moved to the Institute of Materials Science of the NCSR "D" in 1985. From 1994-1999 he served as the Director of IMS and from 1996-1999 as Vice President of the NCSR "Demokritos". From 2005-2010 he was elected as Director and President of the Board of the NCSR "Demokritos". He developed the lab for thin film growth of magnetic and superconducting/oxide multilayers using sputtering and laser ablation. Areas of interest are ultrahigh magnetic recording media, novel permanent magnets, high performance nanothermoelectrics, spintronics and magnetic metamaterials. He is the co-recipient of the 2005 Descartes Prize, holds 4 patents and participates in two start-ups. He is the author and co-author of more than 420 publications with more than 4500 citations and has managed more than 35 National and EU projects with a budget of approximately 15 MEURO. He had served as advisor for the Greek Government, NATO and the EC.



Viktoria Bodnarova, EURAXESS Links Regional Representative for North America. Viktoria is in charge of the EURAXESS Links community of European and non-European researchers based in North America (approx. 3700 members), informing them mainly about funding and career opportunities the European Research Area has to offer and being their first contact point before their move to Europe. Prior to this, she was the project manager and national coordinator of the Czech EURAXESS Network. Viktoria graduated from the Metropolitan University in Prague, Czech Republic in 2008 having completed a Master's degree in International Relations and European studies.



Organized in the margins of the 2013 MRS Fall Meeting & Exhibit
by the Delegation of the European Union to the USA
in collaboration with EURAXESS Links North America
Horizon 2020: http://ec.europa.eu/research/horizon2020/index_en.cfm

