



Nr. 32 (serie noua), 12 august 2013

Acest e-newsletter este o reluare a buletinului electronic **NANOPROSPECT (Nanotehnologii in Romania: studiu prospectiv)**, dupa incheierea acestui proiect (rezultatele sunt disponibile la adresa www.imt.ro/NANOPROSPECT)

Lansari competitii

Lansare apel Subprogramul „Cooperari bilaterale - Programul de cooperare bilaterala Romania-Cipru

Scopul apelului consta in consolidarea cooperarii stiintifice dintre Romania si Cipru prin finantarea mobilitatii cercetatorilor din cele doua tari. Propunerile de proiecte se vor incadra in urmatoarele domenii de cercetare: Agricultura, siguranta si securitate alimentara; Dezvoltare sustenabila si ecosisteme; Energie; Stiintele vietii si biotehnologie; **Tehnologia informatiei si comunicatii**; Stiinte sociale si umaniste; **Materiale avansate si nanotehnologii**.

Termenul limita pentru depunerea aplicatiilor este **20 septembrie 2013**. Durata unui proiect este de maxim 21 de luni, începând cu **1 februarie 2014**.

[\[...mai multe detalii\]](#)

Evenimente stiintifice de interes

***** Evenimente anuntate de platformele tehnologice europene



Connecting different worlds, realizing creative systems

COMS2013 - 18th edition of the Annual International Conference On Commercializing Micro- And Nanotechnology, 25 – 28 august 2013, Enschede, Olanda

Evenimente asociate:

COMS Young Technology Award - se va acorda unei companii din domeniul micro-nanotehnologiilor

Termenul limita pentru inregistrarea candidatilor: 20 august 2013

COMS Match-to-nano-service - eveniment de networking destinat stabilirii de cooperari cu parteneri din Olanda, organizat inainte de conferinta si in timpul acesteia

Vizita la compania olandeza **Demcon**, dezvoltator si producator de sisteme high-tech si dispozitii medicale.

[\[...mai multe detalii\]](#)



ESSDERC-ESSCIRC Conferences 2013, 16 - 20 septembrie 2013, Bucuresti, Romania

Prima zi a evenimentului (16 septembrie) va fi dedicata **tutorialilor**.

Conferintele stiintifice ESSCIRC si ESSDERC propriu-zise se vor desfasura in paralel in perioada 17-19 septembrie, cu urmatoarele



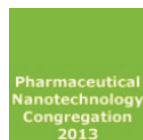
TERM STEM 2013 - Nanotechnology as a Tool for improving Tissue Engineering and Regenerative Medicine, 10 - 12 octombrie 2013, Porto, Portugalia

2013 Tematici:

- *Biologically Inspired Materials*
- *Disclosing Tissues: From Nano to Macro*
- *Modulating the Cell Environment*
- *Nanotechnologies in tissue engineering and regenerative medicine*

Taxa de inregistrare redusa: pana la **30 august 2013**.

[\[...mai multe detalii\]](#)



Pharmaceutical Nanotechnology Congregation 2013 "A lifeline for drying pharma pipelines", 15 - 16 octombrie 2013, Londra, UK

Tematici (exemple):

- *Nanotechnology's greatest contribution to the healthcare sector in the last 5 years*
- *Nanotechnology in EU and USA: Opportunities & Challenges in implementing Nanotechnology*
- *Will pharmaceutical manufacturing processes need to be adapted in any way to work with nanomaterials?*
- *Business case for nanotechnology, improving translation of academic nanomedicine research*
- *Regulatory considerations, IP issues & partnering opportunities*
- *How would nanomedicines be regulated in the future?*

[\[...mai multe detalii\]](#)

tematici:

ESSCIRC: • Analog Circuits; • Data Converters; • RF and mm Wave; • Wireless and Wireline Communication Circuits and Systems; • Sensors, Imagers and MEMs; • Digital Circuits; • Processors, Memories and Interfaces; • Bio-Medical and Bio-Electronic Circuits and Systems; • Circuits & Systems in Emerging Technology; • Power Management and energy Scavenging.

ESSDERC: • Advanced CMOS Devices; • Process & Integration; • Microwave and power solid state devices; • Modelling and Simulation; • Characterization, Reliability and Yield; • Advanced and Emerging Memories; • MEMS, Bio-sensors and Display Technologies; • Optoelectronic and photonic devices; • Emerging non-CMOS devices and technologies; • Carbon-based devices.

Participantii inregistrati pot asista la sesiunile programate in paralel la oricare dintre cele doua conferinte.

Programul cuprinde si 6 [prezentari plenare comune](#) si sesiuni de lucrari invitate.

Ziua de 20 septembrie este dedicata [workshop-urilor](#), in care vor fi prezentate activitati desfasurate in proiecte europene si potentialul tarilor din Europa de Est pentru tehnologii generice esentiale (KET).

Mai multe detalii: [ESSDERC 2013](#); [ESSCIRC 2013](#)

„Nanophotonics - essential ingredient for efficient and cost-effective solar cells?”, 3 octombrie 2013, Paris, Franta

Evenimentul este organizat cu suportul Platformei Tehnologice Europene **Photonics21 in cadrul conferintei „European PV Solar Energy 2013”**.

Tematici:

- *What are the material and engineering constraints that prevent the implementation of Nanophotonic concepts?*
- *Are Nanophotonics concepts scalable to square metre panels?*
- *What is the tradeoff between performance and cost?*

[\[...mai multe detalii\]](#)



9th Plastic Electronics Conference 2013, 8 - 10 octombrie 2013, Dresda, Germania

Se pot transmite postere corespunzatoare urmatoarelor arii tematice:

- *OLED's for Display and Lighting*
- *Flexible PV*
- *Integrated Smart Systems*

si care sa se incadreze intr-una din urmatoarele categorii: *Technology and Materials; Manufacturing; Business Cases.*

Termenul limita pentru transmiterea posterelor: **16 august 2013**.

Taxa de inregistrare reduca: **pana la 30 septembrie 2013**.

[\[...mai multe detalii\]](#)



1st POLARIS Workshop „Nanosystems for Medicine: fundamentals, synthesis & application”, 7 - 9 octombrie 2013, Porto, Portugalia

Tematici:

- *BioNanoMaterials for Regenerative Medicine*
- *Self-organization at the Nanoscale*
- *Targeted Delivery using Nanotechnology*

Taxa de inregistrare reduca: pana la **30 august 2013**.

[\[...mai multe detalii\]](#)



Photonex - UK's Premier Photonics Event, 16 - 17 octombrie 2013, Coventry, UK

Sesiunile conferintei:

- *High Power Diode Lasers and Systems*
- *Nano and Bio-Imaging - latest developments in biophotonics* – se pot transmite aplicatii pentru postere
- *Optical Engineering & Design*
- *Biophotonics for biomedical and diagnostic applications* – se pot transmite aplicatii pentru postere pana la data de 6 septembrie 2013
- *Optical Metrology - latest developments in instrumentation for industry and research*

[\[...mai multe detalii\]](#)



2nd NanoFar Autumn School, 21 -25 octombrie 2013, Santiago de Compostela, Spania

European Doctorate in nanomedicine and pharmaceutical innovation

Sesiuni:



- *Theranostics and imaging*
- *Characterization of drug delivery systems*
- *Metabolic diseases*

- *Biopolymers: structure, synthesis and properties*
- *Oral delivery*
- *Nanomedicine in anticancer therapy*
- *Regulatory and translational aspects*

Termenul limita pentru transmiterea rezumatelor: **15 august 2013**.

[\[...mai multe detalii\]](#)



European Nanoelectronics Forum, 27 – 28 noiembrie 2013, Barcelona, Spania

Participarea la Forum se va face numai pe baza de invitatie, pentru obtinerea careia se va completa un formular online. Participantii care sunt membri in [CATRENE](#), [ENIAC JU](#), [AENEAS](#) sau parteneri in proiecte FP7, vor plati taxa de inregistrare reduca.

[\[...mai multe detalii\]](#)

Alte evenimente stiintifice internationale



Inventions, Nanotech Middle East Exhibition & Conference (INVNANOME 2013), 3 - 5 noiembrie 2013, Doha, Qatar

Tematici:

- *Materials Synthesis, Characterization, and Potential applications*
- *Water*
- *Energy / Oil & Gas / Solar Energy*
- *Environment*
- *Health & Nano Medicine*
- *Consumer Products*

Workshopuri: - *Development of Inorganic Construction Nanomaterials and Technology*
- *Evolution of Atomic Force Microscope. From a tool for nano-science to the vehicle for nano-industry*

Termenul limita pentru transmiterea rezumatelor: **15 septembrie 2013.**

[\[...mai multe detalii\]](#)



Nano and Giga Challenges in Electronics, Photonics and Renewable Energy - From Materials to Devices to System Architecture Symposium and Spring School, 10 - 14 martie 2014, Phoenix, Arizona, SUA

Sectiuni (exemple):

- *Satellite Workshop: Nanotechnology Instrumentation*
- *Characterization of Materials and Devices at (Sub)Nanoscale*
- *Computational Modeling and Simulation of Nanostructured Materials and Devices*
- *Fabrication of Nanostructured Materials and Devices*
- *Terahertz Electronics and Photonics*
- *Nanophotonics, Optoelectronics, and Plasmonics*
- *NanoCMOS and Beyond: Devices & Architecture*
- *Nanostructured Materials for Solar Energy Conversion*
- *Sensors: Science and Technology*
- *Novel Carbon Materials in Optics, Electronics and Photovoltaics*

Lucrarile acceptate la conferinta vor fi publicate in [Solid State Electronics](#) journal si in [International Journal of Nanotechnology](#).

Taxa de inregistrare redusa: pana la **10 octombrie 2013.**

Termenul limita pentru transmiterea rezumatelor: **30 noiembrie 2013.**

[\[...mai multe detalii\]](#)

Informatii utile

Publicatia „Nanotechnology: the invisible giant tackling Europe's future challenges”. Baza de date cu toate proiectele FP7 in domeniul nanotehnologiilor

Un nou document publicat de Comisia Europeana cuprinde o prezentare a nanotehnologiilor si domeniilor de aplicatie (ex: nanoelectronica, nanofotonica, nanomedicina, aplicatii industriale, energie si mediu), precum si informatii despre proiectele FP7 corespunzatoare.

Este disponibila de asemenea o **baza de date cu toate proiectele FP7 in domeniul nanotehnologiilor**, care au inceput in perioada **2007-2013**, din toate arile tematice si un document ce contine **rezumatele acestor proiecte.**

[\[...mai multe detalii\]](#)



9th International Conference on Micro Manufacturing (ICOMM 2014), 25 - 28 martie 2014, Singapore

Tematici:

- *Mechanics and dynamics of process behavior at the microscale*
- *Micro-scale metrology*
- *Materials handling, joining, and assembly at the micro-scale*
- *Multi-scale modeling and simulation*
- *Design for micro-scale manufacturing; and materials-related issues at the micro-scale*
- *Applications of both current and emerging micromanufacturing methods and equipment, including those that bridge the nano- and macro- worlds*

Termenul limita pentru transmiterea rezumatelor: **13 noiembrie 2013.**

[\[...mai multe detalii\]](#)



CIMTEC 2014 - 13th International Conference on Modern Materials and Technologies, 15 - 20 iunie 2014, Montecatini Terme, Italia

Conferinta include:

6th Forum on New Materials - Conferinte - exemple:

- *5th International Conference "Novel Functional Carbon Nanomaterials"*
- *Science and Engineering of Novel Superconductors*
- *Medical Applications of Novel Biomaterials and Nano-biotechnology*
- *Smart Polymers for Biomedical Applications*
- *Wearable and Implantable Sensors and Body Sensor Networks*

13th International Ceramics Congress - Simpozioane - exemple:

- *Innovative Synthesis and Processing of Nanostructured, Nanocomposite and Hybrid Functional Materials for Energy and Sustainability*
- *State-of-the-art Development and Application of Thin Film Piezoelectric MEMS/NEMS*
- *Progress in Nano-laminated Ternary Carbides and Nitrides (MAX Phases) and Derivatives Thereof (MXenes)*

Termenul limita pentru transmiterea rezumatelor: **15 octombrie 2013.**

[\[...mai multe detalii\]](#)

IMPORTANT! Nota in atentiea celor care vor sa retransmita acest mesaj:

Pentru a asigura pastrarea informatiei in forma ei originala va rugam sa folositi exclusiv forma pdf a acestui e-news, accesibila la adresa:
http://www.nano-link.net/e-newsletter_postNANOPROSPECT/e-news32/e-news_postNANOPROSPECT32.pdf