

## Agenda on Nanoscience and Technology Forum

## Nanoscience (Theory and Practice)

22 September 2017, Yerevan, Opera Suite Hotel

Time	Topic	Presenter
09:00 - 09:20	Registration of participants	
	PANEL I - Science and Technology Development Policies & Programs	
09:30 - 09:40	Welcome & Opening remarks	Minister of Economic Development and Investments of RA Secretary General of Iran Nanotechnology Initiative Council (INIC)
	MAIN SESSION	
09:50- 10:20	Innovation and high-tech sectors in Armenia: policies and achievements Discussion 10'	Ministry of Economic Development and Investments of RA
10:20 - 10:50	Nanotechnology in Iran: policies and achievements Discussion 10'	Prof. Saeed Sarkar, INIC Secretary General
10:50 - 11:20	Science and technology programs in Armenia Discussion 10'	Prof. Aram Saharian, State Committee of Science, Ministry of Education and Science of RA
11:30 - 12:00	Coffee Break	
	PANEL II - State of the Art in Nanoscience and Technology (Moderator: Eduard Ghazaryan)	
12:10 - 12:40	Multifunctional Metal-Carbon Nanocomposites for Biomedicine and Technological Applications Discussion 10'	Aram Manukyan, Institute for Physical Research, National Academy of Science of Armenia
12:40 -	Review on recent advances in synthesis,	Mojtaba Shamsipour,

13:10	characterization and application of highly fluorescent nanoplateforms Discussion 10'	Professor of Analytical Chemistry, Razi University Kermanshah
13:10 - 13:50	Nano Lab instruments and educational package for high school and universities (presentation 10', discussion 10')  Armath engineering laboratories: success and potential (presentation 10', discussion 10')	Tavana Co.  Union of Information Technologies Enterprises
13:50 - 14:50	Lunch	
15:00 - 15:30	The Growth, Characterization and Application of Quantum Dots and Other Nanostructures in InAs-InSb-InP Material System Discussion 10'	Karen Gambaryan, Yerevan State University
15:30-16:00	Organic-inorganic perovskite solar cells Discussion 10'	Nima Taghavinia, Professor of Physics, Physics Department, Sharif University of Technology
16:00-16:30	Optical Properties of Semiconductor Quantum Dots With Nontrivial Geometry Discussion 10'	Hayk Sarkisyan, Russian-Armenian (Slavonic) University
16:30 – 16:50	Coffee Break	
17:00 – 17:30	Improving Antitumor Efficacy of FDA Approved Nanomedicine PEGylated Liposomal Doxorubicin by a p53 Derived-Peptide Mediated Targeting Discussion 10'	Mahmoud Reza Jaafari, Professor of Pharmaceutics and Pharmaceutical Nanotechnology, Mashhad University of Medical Sciences
17:30-18:00	Achievement of Frontal Polymerization in Nanotechnologies Discussion 10'	Anahit Tonoyan, National Polytechnic University of Armenia
18:00 – 18:30	Round Table Discussions: Opportunity of application of findings in Nanoscience and Technology & potential for scientific regional collaboration	Speakers of Panel II

## Nanotechnology in industry application

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Time	Topic	Presenter
09:00 - 09:30	Registration of participants	
	PANEL III. Nanotechnology exchange and collaboration opportunities	
09:30 - 12:00	Round table 1: Nanotechnology in Medicine and Cosmetics <ul style="list-style-type: none"> <li>• Exir Nano Sina Co. (presentation 15', discussion 10')</li> <li>• AZAD Pharmaceuticals LLC (presentation 15', discussion 10')</li> <li>• Tonus-Les LLC (presentation 15', discussion 10')</li> </ul>	
	Round table 2: Polimer based nano composites <ul style="list-style-type: none"> <li>• Parsal Polymer Sharif Co. (presentation 15', discussion 10')</li> <li>• Aria Polymer Pishgam Co. (presentation 15', discussion 10')</li> <li>• New Plast CJSC (presentation 15', discussion 10')</li> </ul>	
12:00 - 12:20	Coffee Break	
12:20 – 14:00	Round table 3: Nanostructured hard coating <ul style="list-style-type: none"> <li>• YNS Co. (presentation 15', discussion 10')</li> <li>• Techsapphire LLC (presentation 15', discussion 10')</li> </ul>	
	Round table 4: Nanofilters for power plants and facial masks <ul style="list-style-type: none"> <li>• Behran Filter (presentation 15', discussion 10')</li> <li>• "Zeolite Pro" CJSC (presentation 15', discussion 10')</li> </ul>	
14:10 - 15:10	Lunch	
15:10-16:10	Round Table Discussions: Opportunities for adaption of Nanotechnologies and Iranian – Armenian technology collaboration	
16:15-16:30	Signing MoU on Scientific and Technology Cooperation Between the Government of the Islamic Republic of Iran and the Government of the Republic of Armenia (private signing ceremony)	
18:00	Gala Dinner	