

Programme

24 of November 11:00-12:00 Registration and coffee 12:00-12:30 Opening Ceremony, Chair - Assoc. Prof. D. Jatkovskienė (BASNET Forum, VU ITPA)
(Representatives of UNESCO, Lithuanian Parliament and Organizers)
Session I
Women in Sciences and High Technology
Chair – Habil. Dr. G. Tautvaišienė (VU ITPA)

12:30-14:30

Prof. J. Bell Burnell (Oxford University, UK) – An Introduction to Pulsars – Pulsating Radio Stars

Prof. A. Leliwa-Kopystynska (Warsaw University, Poland) – Marie Curie and the World Science

Prof. D. Adlienė (Kaunas Technological University, Lithuania) "Medical physics: struggling for proper radiation doses"

Dr. J. Razumienė (Vilnius University, Lithuania) "Carbonaceous materials for bioelectrocatalysis"

14:30-15:00 Coffee break 15:00-15:30 Opening of Exhibition – I am an author of scientific monograph and textbook – Start of the poster session – Newest scientific results by Lithuanian women-scientists – Session II Development of Women Potential
Influence of Academic and Work Culture to the Career Chair – Assoc. Prof. A. Rutkauskienė

15:00-17:00

Prof. F. Zucco (CNR, Italy) – Challenges for a women biologist: science, ethics and gender

Dr. E. Lohkivi (Tartu University, Estonia) – One, two, three, or many cultures? Some reflections on science as workplace culture on the example of physics and humanities in Estonia

Prof. E. Czerwosz (Poland) – Participation of women in HT scientific projects

M. Glodas (Microsoft) – Professional Women Initiative 17:00-18:00 A new documentary movie dedicated to M. Curie (France, 2011) and discussion with the Director of the movie Michel Vuillemermet. 19:30 Conference dinner & concert at the Vilnius City Hall

25 of November Session III

Women Scientists' Input into Sciences and Innovative Technologies

Chair – Prof. D. Dzemyda (VU IMI) 09:00-11:00

Prof. E. Fabry (ECWT, Norway) – Women for smart growth

Prof. J. Bell Burnell (Oxford University, UK) – Women in Science, Technology, Engineering and Mathematics in Scotland

L. Corugedo Stenberg (European Commission) – Great Careers for Great Women

V. Misiukonienė (INFOBALT) and I. Vyšniauskienė (Hewlett-Packard, Lithuania) – Challenges for women professionals in IT industry

11:00-11:30 Coffee break Session IV

Science and Youth: Women Scientists' Contribution in Attracting Young Generation to Science

Chair – Assoc. Prof. A. Rimeika (VPU)

11:30-13:30

Prof. C. Hermann (Ecole Polytechnique, France) – The actions of French women scientists to encourage girls and boys into science

Prof. P. Mata (Universidade Nova de Lisboa, Portugal) – Principles of chemistry, physics and microbiology in everyday life

Dr. A. Novelskaitė (Vilnius University, Lithuania) – Youth's Attitudes Towards Physical and Technological Sciences in Lithuania: How does Gender Matter?

Assoc. Prof. D. Rutkauskienė (Kaunas Technological University, Lithuania) – E-skills in digital age: importance for youth

13:30-14:30 Lunch 14:30-15:30 Review of the poster session and book exhibition

Chair – Prof. V. Laurinavičius (VU BCHI)

Moderators for scientific fields will be announced later 15:30-16:30 Round table discussion – Sciences and High

Technologies: women's perspectives

Moderator Prof F. Zucco, Italy
Members of the roundtable will be announced later
16:30 Closing of the Conference

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Å Poster Contributions:

Astronomy

1. E. Stonkutė, G. Tautvaišienė, R. Žilėnienė, B. Nordstrom "Satellite remnants in the Milky Way galaxy"
2. J. Mikolaitis, Gražina Tautvaišienė, "E-infrastructure in Lithuania and its application in Astrophysics"
3. G. Tautvaišienė, G. Barisevičius, S. Berdiugina, Y. Chorniy, I. Ilyin "Chemical element abundances in photospheres of RS CVn stars"
4. Gražina Tautvaišienė, J. Mikolaitis "Tracers of Stellar Chemical Evolution in Red Clump Stars of Open Clusters"
5. R. Žilėnienė, G. Tautvaišienė, E. Stonkutė, B. Nordström "A new kinematically identified stellar group: chemical composition study"

Physics

6. Ramutė Girišnienė, Justinas Pesliakas "Stimulation of chemical reactions by acoustic waves"
7. V. Jucienė, J. Poška, E. Ajimulis, K. Poška, A. Ajilėnas "Terahertz electromagnetic waves in polar semiconductors and alkali halides"
8. Augustinas Kulbickas, Loreta Rastėnienė, Marius Franckevičius, Matthew Bloomfield, Eugenijus Gaubas and Rimas Vaisnoras "Features of irradiated diamonds by heavy protons and light helium ions"
9. A. Borovik, A. Kupliauskienė "Electron-impact excitation of the 5p56s2 2P3/2, 1/2 autoionizing states in Cs atoms"
10. Rita Plukienė, Artūras Plukis, Grigorijus Duškesas, Arūnas Gudelis, Rasa Gvozdaitė, Rūta Druteikienė, Vidmantas Remeikis "Nuclide composition in irradiated graphite of Ignalina NPP RBMK-1500 reactor"
11. Sandra Pralgauskaitė "Low frequency noise characteristics of multiple quantum well laser diodes"
12. J. Stupakova, N. Samulienė, E. Shatkovskis, J. Gradauskas, V. Zagadskij, A. Sušiedelis "Innovative Application of Advanced Silicon Nanotechnology (II): Development Microwave Detectors of High Sensitivity"
13. Dalia Ajatkovskienė "Application of Reduced Density Matrix Formalism for study of characteristics of saturated molecules"
14. E. Ajatkovskis, J. Stupakova, R. Mitkevičius, V. Zagadskij "Innovative Application of Advanced Silicon Nanotechnology (I): Significant Enhancement Efficiency of Silicon Solar Cells"
15. Janas Ajūkaitis, Aurelija Pelanskienė, Alfredas Lankauskas, Mindaugas Kiriliauskis "Electric to thermal energy conversion: research of hydrogen plasma cell"
16. J. Tamulienė, L. Baliulytė, V.S. Vukstich, L.G. Romanova, R. Lutsyuk, A.V. Snegursky "Quantum-mechanical study of the alanine molecule fragmentation by low energy electrons"
17. N. Žurauskienė "CMR-B-scalar sensor for high magnetic field measurements"

Biochemistry, Biophysics

18. Evelina Airbaitė, Julija Razumienė, Vida Gurevičienė, Daiva Tauraitė, Regina Janušienė, Algirdas Palaima, Rimantas Meškys, Valdemaras Razumas "New redox mediators for electrochemical biocatalysis"
19. Žilėnienė, S. Muralytė, Vytautas Gudelis "Light technologies for inactivation of food pathogens"
20. R. Mickienė, V. Kačikonienė, A. Maruška "Antimicrobial Effects Of Some Phyto-Organic Compounds"
22. I. Ajakinytė, J. Razumienė, J. Barkauskas, V. Gurevičienė, R. Baronas "Carbon nanomaterials in bioelectrocatalytic systems"
22. E. Voitechovic, A. Bratov, N. Abramova, J. Razumienė, D. Lakshmi, P. K. Ivanova-Mitseva, S. Piletsky "The Study of Bioelectrochemical Systems Based on PQQ Dependent Enzymes and Conductive Polyaniline Polymer Using Method of Electrochemical Impedance Spectroscopy"

Chemistry

23. I. Kerienė, A. Maruška, J. Sitonytė "Analysis of Phthalates in the River Venta by Solid Phase Extraction and Gas Chromatographic-Mass Spectrometric Method"
24. Žilėnienė, Rūta Šelė "Formation of micro- and nanostructured molecular assemblies through in situ synthesis on functionalised surfaces"

Material and Technological Sciences

25. R. Klevaitė, V. Masteikaitė "Investigation and Evaluation of Elastic Fabrics Deformation Non-uniformity"
26. Algirdas Lazauskas, Asta Guobienė, Judita Puišio, Igoris Prosyčevas "Morphology of thin films with silver nanoparticles from plant extracts on glass substrates"
27. Rita Plaipaitė, Nalivaiko, Diana Adlienė, Algimantas Meškauskas "Ionizing radiation impact on changes of polymer

structure"

28. V. SaceviÄ•ienÄ—, V. MasteikaitÄ— â€œEvaluation of Deformation Behaviour of Coated and Laminated Materialsâ€

Social Sciences

29. Dalia Ä¼atkovskienÄ—, Alicija KupliauskienÄ— and Ä¼ivilÄ— RutkÄ«nienÄ— â€œBaltic States Association BASNET Forum Activities and perspectivesâ€

30. I. TikneviÄ•ienÄ— â€œProfessor Vyda KÄ—sgailaitÄ— RagulskienÄ—. Scientist, Inventor, the First Woman Habil. dr. of Te Sciences in Lithuaniaâ€