

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. StonkutÅ—, G. TautvaiÅ¼ienÅ—, R. Å½enovienÅ—, B. Nordstrom ÅœœSatellite remnants in the Milky Way galaxyÅœœ
2. Å¼arÅœnas Mikolaitis, GraÅ¼ina TautvaiÅ¼ienÅ—, ÅœœE-infrastructure in Lithuania and its application in AstrophysicsÅœœ
3. G. TautvaiÅ¼ienÅ—, G. BariseviÅ¼ius, S. Berdiugina, Y. Chorniy, I. Ilyin ÅœœChemical element abundances in photospheres of RS CVn starsÅœœ
4. GraÅ¼ina TautvaiÅ¼ienÅ—, Å¼arÅœnas Mikolaitis ÅœœTracers of Stellar Chemical Evolution in Red Clump Stars of Open ClustersÅœœ
5. R. Å½enovienÅ—, G. TautvaiÅ¼ienÅ—, E. StonkutÅ—, B. NordstrÅ¼m ÅœœA new kinematically identified stellar group: chemical composition studyÅœœ

Physics

6. RamutÅ— GiriÅœnienÅ—, Justinas Pesliakas ÅœœStimulation of chemical reactions by acoustic wavesÅœœ
7. V. JucienÅ—, J. PoÅ¼Å¼la, E. Å¼irmulis, K. PoÅ¼Å¼la, A. Å¼ilÅœnas ÅœœTerahertz electromagnetic waves in polar semiconductors and alkali halidesÅœœ
8. Augustinas Kulbickas, Loreta RastenienÅ—, Marius Franckevicius, Matthew Bloomfield, Eugenijus Gaubas and Rimantas VaisnorasÅœœ Features of irradiated diamonds by heavy protons and light helium ionsÅœœ
9. A. Borovik, A. KupliauskienÅ— ÅœœElectron-impact excitation of the 5p56s2 2P3/2, 1/2 autoionizing states in Cs atomsÅœœ
10. Rita PlukienÅ—, ArtÅœras Plukis, Grigorijus DuÅ¼kesas, ArÅœnas Gudelis, Rasa GvozdaitÅ—, RÅœta DruteikienÅ—, Vidmantas Remeikis ÅœœNuclide composition in irradiated graphite of Ignalina NPP RBMK-1500 reactorÅœœ
11. Sandra PralgauskaitÅ— ÅœœLow frequency noise characteristics of multiple quantum well laser diodesÅœœ
12. J. Stupakova, N. SamulienÅ—, E. Shatkovskis, J. Gradauskas, V. Zagadskij, A. SuÅ¼iedelis ÅœœInnovative Application of Advanced Silicon Nanotechnology (II): Development Microwave Detectors of High SensitivityÅœœ
13. Dalia Å¼atkovskienÅ— ÅœœApplication of Reduced Density Matrix Formalism for study of characteristics of saturated moleculesÅœœ
14. E. Å¼atkovskis, J. Stupakova, R. MitkeviÅ¼ius, V. Zagadskij ÅœœInnovative Application of Advanced Silicon Nanotechnology (I): Significant Enhancement Efficiency of Silicon Solar CellsÅœœ
15. JanÅ— Å¼iÅ¼kaitÅ—, Aurelija PelanskienÅ—, Alfredas Lankauskas, Mindaugas Kiriliauskis ÅœœElectric to thermal energy conversion: research of hydrogen plasma cellÅœœ
16. J. TamulienÅ—, L. BaliulytÅ—, V.S. Vukstich, L.G. Romanova, R. Lutsyuk, A.V. Snegursky ÅœœQuantum-mechanical study of the alanine molecule fragmentation by low energy electronsÅœœ
17. N. Å½urauskienÅ— ÅœœCMR-B-scalar sensor for high magnetic field measurementsÅœœ

Biochemistry, Biophysics

18. Evelina ÅœirbaitÅ—, Julija RazumienÅ—, Vida GureviÅ¼ienÅ—, Daiva TauraitÅ—, Regina JanÅ¼ienÅ—, Algirdas Palaima, Rimantas MeÅ¼kys, Valdemaras Razumas ÅœœNew redox mediators for electrochemical biocatalysisÅœœ
19. Å½. LukÅ¼ienÅ—, S. MuralytÅ—, Vytautas Gudelis ÅœœLight technologies for inactivation of food pathogensÅœœ
20. R. MickienÅ—, V. KaÅ¼ikonienÅ—, A. MaruÅ¼ka "Antimicrobial Effects Of Some Phyto-Organic Compounds"
22. I. Å¼akinytÅ—, J. RazumienÅ—, J. Barkauskas, V. GureviÅ¼ienÅ—, R. Baronas ÅœœCarbon nanomaterials in bioelectrocatalytic systemsÅœœ
22. E. Voitechovic, A. Bratov, N. Abramova, J. RazumienÅ—, Å D. Lakshmi, P. K. Ivanova-Mitseva, S. Piletsky ÅœœThe Study of Bioelectrochemical Systems Based on PQQ Dependent Enzymes Å and Conductive Polyaniline Polymer Using Method of Electrochemical Impedance SpectroscopyÅœœ

Chemistry

23. I. KerienÅ—, A. MaruÅ¼ka, J. SitonytÅ— ÅœœAnalysis of Phthalates in the River Venta by Solid Phase Extraction and Gas Chromatographic-Mass Spectrometric MethodÅœœ
24. Å½ivilÅ— RuÅ¼elÅ— ÅœœFormation of micro- and nanostructured molecular assemblies through in situ synthesis on functionalised surfacesÅœœ

Material and Technological Sciences

25. R. KlevaitytÅ—, V. MasteikaitÅ— ÅœœInvestigation and Evaluation of Elastic Fabrics Deformation Non-uniformityÅœœ
26. Algirdas Lazauskas, Asta GuobienÅ—, Judita PuiÅ¼o, Igoris ProsyÅ¼evas ÅœœMorphology of thin films with silver nanoparticles from plant extracts on glass substratesÅœœ
27. Rita PlaipaitÅ—Nalivaiko, Diana AdlienÅ—, Algimantas MeÅ¼kauskas "Ionizing radiation impact on changes of polymer

structure"

28. V. Sacevičienė, V. Masteikaitė – "Evaluation of Deformation Behaviour of Coated and Laminated Materials"

Social Sciences

29. Dalia Jatkovskienė, Alicija Kupliauskienė and Rūta Rukšienė – "Baltic States Association BASNET Forum Activities and perspectives"

30. I. Tiknevičienė – "Professor Vyda Kėsgailaitė – Ragulskienė. Scientist, Inventor, the First Woman Habil. dr. of Technical Sciences in Lithuania"