

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. TautvaiÅ;jienÅ—, R. Å½enovienÅ—, B. Nordstrom ÅœSatellite remnants in the Milky Way galaxyÅœ
2. ÅjarÅ«nas Mikolaitis, GraÅ¼ina TautvaiÅ;jienÅ—, ÅœE-infrastructure in Lithuania and its application in AstrophysicsÅœ
3. G. TautvaiÅ;jienÅ—, G. BariseviÅ•ius, S. Berdiugina, Y. Chorniy, I. Ilyin ÅœChemical element abundances in photospheres of RS CVn starsÅœ
4. GraÅ¼ina TautvaiÅ;jienÅ—, ÅjarÅ«nas Mikolaitis ÅœTracers of Stellar Chemical Evolution in Red Clump Stars of Open ClustersÅœ
5. R. Å½enovienÅ—, G. TautvaiÅ;jienÅ—, E. StonkutÅ—, B. NordstrÅ«m ÅœA new kinematically identified stellar group: chemical composition studyÅœ

Physics

6. RamutÅ— GiriÅ«nienÅ—, Justinas Pesliakas ÅœStimulation of chemical reactions by acoustic wavesÅœ
7. V. JucienÅ—, J. PoÅ¼Å—la, E. Åjirmulis, K. PoÅ¼Å—la, A. ÅjilÅ—nas ÅœTerahertz electromagnetic waves in polar semiconductors and alkali halidesÅœ
8. Augustinas Kulbickas, Loreta RastenienÅ—, Marius Franckevicius, Matthew Bloomfield, Eugenijus Gaubas and Rimantas VaisnorasÅœ Features of irradiated diamonds by heavy protons and light helium ionsÅœ
9. A. Borovik, A. KupliauskienÅ— ÅœElectron-impact excitation of the 5p56s2 2P3/2, 1/2 autoionizing states in Cs atomsÅœ
10. Rita PlukienÅ—, ArtÅ«ras Plukis, Grigorijus DuÅ;kesas, ArÅ«nas Gudelis, Rasa GvozdaitÅ—, RÅ«ta DruteikienÅ—, Vidmantas Remeikis ÅœNuclide composition in irradiated graphite of Ignalina NPP RBMK-1500 reactorÅœ
11. Sandra PralgauskaitÅ— ÅœLow frequency noise characteristics of multiple quantum well laser diodesÅœ
12. J. Stupakova, N. SamulienÅ—, E. Shatkovskis, J. Gradauskas, V. Zagadskij, A. SuÅ¼iedelis ÅœInnovative Application of Advanced Silicon Nanotechnology (II): Development of Microwave Detectors of High SensitivityÅœ
13. Dalia ÅjatkovskienÅ— ÅœApplication of Reduced Density Matrix Formalism for study of characteristics of saturated moleculesÅœ
14. E. Åjatkovskis, J. Stupakova, R. MitkeviÅ•ius, V. Zagadskij ÅœInnovative Application of Advanced Silicon Nanotechnology (I): Significant Enhancement of Efficiency of Silicon Solar CellsÅœ
15. JanÅ— ÅjÅ•iukaitÅ—, Aurelija PelanskienÅ—, Alfredas Lankauskas, Mindaugas Kiriliauskis ÅœElectric to thermal energy conversion: research of hydrogen plasma cellÅœ
16. J. TamulienÅ—, L. BaliulytÅ—, V.S. Vukstich, L.G. Romanova, R. Lutsyuk, A.V. Snegursky ÅœQuantum-mechanical study of the alanine molecule fragmentation by low energy electronsÅœ
17. N. Å½urauskienÅ— ÅœCMR-B-scalar sensor for high magnetic field measurementsÅœ

Biochemistry, Biophysics

18. Evelina ÅœirbaitÅ—, Julija RazumienÅ—, Vida GureviÅ•ienÅ—, Daiva TauraitÅ—, Regina JanÅ•ienÅ—, Algirdas Palaima, Rimantas MeÅ;jkys, Valdemaras Razumas ÅœNew redox mediators for electrochemical biocatalysisÅœ
19. Å½. LukÅ;jienÅ—, S. MuralytÅ—, Vytautas Gudelis ÅœLight technologies for inactivation of food pathogensÅœ
20. R. MickienÅ—, V. KaÅ;konienÅ—, A. MaruÅ;ka "Antimicrobial Effects Of Some Phyto-Organic Compounds"
22. I. ÅjakinytÅ—, J. RazumienÅ—, J. Barkauskas, V. GureviÅ•ienÅ—, R. Baronas ÅœCarbon nanomaterials in bioelectrocatalytic systemsÅœ
22. E. Voitechovic, A. Bratov, N. Abramova, J. RazumienÅ—, Å D. Lakshmi, P. K. Ivanova-Mitseva, S. Piletsky ÅœThe Study of Bioelectrochemical Systems Based on PQQ Dependent Enzymes Å and Conductive Polyaniline Polymer Using Method of Electrochemical Impedance SpectroscopyÅœ

Chemistry

23. I. KerienÅ—, A. MaruÅ;ka, J. SitonytÅ— ÅœAnalysis of Phthalates in the River Venta by Solid Phase Extraction and Gas Chromatographic-Mass Spectrometric MethodÅœ
24. Å½ivilÅ— RuÅ¼elÅ— ÅœFormation of micro- and nanostructured molecular assemblies through in situ synthesis on functionalised surfacesÅœ

Material and Technological Sciences

25. R. KlevaitytÅ—, V. MasteikaitÅ— ÅœInvestigation and Evaluation of Elastic Fabrics Deformation Non-uniformityÅœ
26. Algirdas Lazauskas, Asta GuobienÅ—, Judita PuiÅ;jo, Igoris ProsyÅ•evas ÅœMorphology of thin films with silver nanoparticles from plant extracts on glass substratesÅœ
27. Rita PlaipaitÅ—Nalivaiko, Diana AdlienÅ—, Algimantas MeÅ;kauskas "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"