



PROGRAM

SEVENTH STUDENT SCIENTIFIC CONFERENCE “ECOLOGY AND ENVIRONMENT”

April 20, 2019

- 10:00 – 11:00 **Registration and posters** – lobby on the third floor
- 11:00 – 11:15 **Opening ceremony:** hall 202
- 11:15 – 11:45 **Plenary lecture:** „The Blotched Snake (*Elaphe suaromates*): An untold story regarding its biology, ecology and life history“, assoc. prof. Marian Tudor, hall 202
- 11:45 – 13:00 **Section “Ecology and education”,**
Moderator: prof. Nicolay Natchev, hall 202
- 13:00 – 13:45 **Poster Session with a glass of wine,** Moderator: assoc. prof. Darina Bachvarova, lobby on the third floor
- 13:00 – 13:45 **Art exhibition “Earth is our home”,** students of “Sava Dobroplodni” Secondary school, tutors: Violeta Petrova and Mariana Petkova, lobby on the third floor
- 13:45 – 15:15 **Section “Ecological microbiology, health, technologies”,** Moderator: prof. Ts. Ivanova, hall 202
- 15:15 – 15:45 **Awarding ceremony and Closing Remarks,** prof. Ts. Ivanova, hall 202

Oral presentations

Section “Ecology and education”

Moderator: prof. Nikolay Natchev

April 20, 2019 hall 202

- 11:45 – 12:00 **OP1:** Data on cold blooded tetrapods collaterally captured during a long term monitoring of the myriapods on the Liljack heights (NE Bulgaria) - Pilar Jimenez Santander, Dimitar Dimitrov, Nikolay Nedyalkov, Aleksandar Doychinov, Darina Bachvarova, Nikolay Natchev
- 12:00 – 12:15 **OP2:** Allelopathic activity of *Hedera helix* (Araliaceae) - Borislava Pavlova, Stefani Toshkova, Zheni Dimitrova, Vanya Koleva, Asya Dragoeva
- 12:15 – 12:30 **OP3:** Use of game-based methods for increasing the students’ interest and activity in Chemistry and environmental protection education in 7th grade - Sezen Mustafa, Petinka Galcheva, Krasimira Dimitrova
- 12:30 – 12:45 **OP4:** Environmental education as a process of forming environmental culture of modern schoolchildren - D.G. Dzharullaev, G.G. Nedyurmagomedov
- 12:45 – 13:00 **OP5:** Environmental education of pupils in conditions educational process - G.G. Nedyurmagomedov, T.M. Dzhamalutdinova

Section “Ecological microbiology, health and technologies”

Moderator: Tsveteslava Ignatova-Ivanova

April 20, 2019 hall 202

- 13:45 – 14:00 **OP6:** Functional Characterization of an Exopolysaccharide Produced by *Lactobacillus plantarum* Ts Isolated from Bulgarian Wheat and Rye Flour - Sevginar Ibryamova, Ismail Ismailov, Hasan Hasanov, Radoslav Ivanov, Tsveteslava Ignatova-Ivanova
- 14:00 – 14:15 **OP7:** Of beer and men: short trip through the history, brewing methods and significance of the third most loved drink of the human race - Miroslava Dimitrova
- 14:15 – 14:30 **OP8:** Down syndrome phenotype - Veselin Zhechev, Kaloyan Kavrakov, Presiqn Donchev
- 14:30 – 14:45 **OP9:** Europe – consumers with limits - Mihaila Toneva
- 14:45 – 15:00 **OP10:** Fake news and critical approach to information on the Internet - Miroslava Dimitrova, Mariya Kaschieva
- 15:00 – 15:15 **OP11:** Pitzer approach based models for nitrate binary systems of the type 1-1 (HNO₃-H₂O, LiNO₃-H₂O, NaNO₃-H₂O, KNO₃-H₂O, CsNO₃-H₂O, and NH₄NO₃-H₂O), 2-1 (Mg(NO₃)₂-H₂O, Ca(NO₃)₂-H₂O, Sr(NO₃)₂-H₂O, and Ba(NO₃)₂-H₂O), and 3-1 (Cr(NO₃)₃-H₂O and (Al(NO₃)₃-H₂O) up to very high concentration at 298.15 K - Stanislav Donchev, Berna Hristova, Kameliya Parvanova, Irina Atanasova, Christomir Christov

Poster session

Moderator: assoc. prof. Darina Bachvarova
lobby on the third floor

Section “Environmental ecology”

- P1** Analysis of radionuclides in soil and plants samples of the region of Shumen University - Hristo Hristov, Mirena Petrova, Galin Tilkov, Atche Mudjuletova, Yozlen Nuridin, Ralica Andreeva
- P2** Gama-spectrometric analysis of sands from the north region of Black sea's beaches of Bulgaria - Sabina Vasileva, Zlatin Denev, Veneta Chobanova, Nail Nail, Irena Iordanova, Hristo Hristov
- P3** Contribution to the Research of the myriapode fauna (Myriapoda: Chilopoda) on the Lilyaksko Plateau, Northeastern Bulgaria - Liliya Pinteva, Darina Bachvarova, Aleksandar Doichinov, Marina Marinova, Sevda Hamza
- P4** Anthropocene – the New Epoch - Marina Marinova, Darina Bachvarova, Aleksandar Doichinov, Sevda Hamza, Liliya Pinteva
- P5** Contribution to the Research of the myriapode fauna (Myriapoda: Diplopoda) on the Lilyaksko Plateau, Northeastern Bulgaria - Sevda Hamza, Darina Bachvarova, Aleksandar Doichinov, Liliya Pinteva, Marina Marinova
- P6** Harvestmen (Arachnida: Opiliones) from the region of Cape Emine - Iva Stamenova, Maria Naumova, Teodora Teofilova, Nikolay Kodzhabashev
- P7** The environmental messages of the Bible - Yanyo Petranov
- P8** Solubility in NH₄Br-CaBr₂-H₂O system at T = (298.15 and 323.15) K - Stanislav Donchev, Tsvetan Tsenov, Ismail Ismailov, Ivailo Parushev, Christomir Christov

Section “Agriculture ecology, herbal medicine”

- P9** Strategy for integrated pest management in organic production of common wheat in South Dobrudzha region - Plamen Chamurliyski, Galina Zapryanova
- P10** Properties for pests control in organic production of orchards crops - Magdalena Koleva, Pavlina Velikova
- P11** Methods of biological control in organic farming - Elena Miteva, Krasimira Georgieva, Albena Ivanova
- P12** Cinnamon - a spice or a medicine? – Stefani Toshkova, Borislava Pavlova
- P13** Edelweiss (*Leontopodium alpinum*) - the white star of the mountains - Viktorya Beshtepelieva, Albena Ivanova
- P14** The state of the rose production in Bulgaria from 2013 to 2018 - Mariya Kaschieva, Desislava Krumova, Aylin Mitat
- P15** Isolation and characteristics of protein-bound polysaccharides produced by *Trametes versicolor* from the region of the Shumen plateau - Dilyan Stoyanov, Lyubomir Manov, Karamfil Kalche