

LATVIA
NightLv
Researchers' night in Latvia
Riga, Daugavpils and Jelgava

Organised by

University of Latvia (contact: **Ligita LIEPINA**, Ligita.Liepina@lu.lv), with Ministry of Education and Science, Riga Stradins University, Latvian BioMedical Research and Study Centre, Daugavpils University, Latvia University of Agriculture, Latvian Institute of Organic Synthesis, Latvian State Institute of Wood Chemistry



(Night view of Riga, horse breeding, plate of shiitake mushrooms)

Science café: university of Latvia, with the sponsorship of the British Council;

Hands on experiments and demonstrations: self tests of **heart functioning**, skin **fluorescence spectra registration** (laser), **shiitake mushrooms** (demonstration, explanation, growing mushrooms, tasting), **probiotics, prebiotics and functional food** (presentations, illustrations, tasting), **micro-organisms in food** (demos, take away of bread yeast pure culture), **express diagnosis of poisoning** (demonstration), synthesis of aspirin, **dentistry** (demo, assessments), **anthropology and anatomy** (anatomical theatre, classical and new methods demonstrations), **environmental risks factor** (measurements, mobile pone radiation, air pollution, occupational risks, management...), **biotechnology** (bacterial growth, fermentation demonstrations..), **bacteria** (bacteria reproduction from different sources, bacteria diversity, viewing of samples...) **protein analysis...**

Guided tours: laboratories, research on tuberculosis, tick bone encephalitis, ontogenesis, isolation of DNA, DNA visualisation, demos of simple experiments of computers, discussions with experienced researchers, open doors in the company GRINDEX (industry)

Interactive original activities: **aromatic herbs** (collection, analysis, making of tea, tasting), **horse breeding** (show), **bread** (visit to lab, quality insurance...), **forest** (story about wood properties, exhibition, wooden spoons) **fruits and berries, food technologies, animal science** (livestock and domestic animal care, ultrasound detectors, study of bat methods)...

Research at night: **taxonomy night** (interactive play on taxonomy problems, contest of identification of species, debates) **research expedition night** (expedition to the Russian far east: presentation interactive illustration..), **night talks on lasers** (interactive talks, demos) **night of research films** (demos, discussions, show on various research unknown films)

Further information? <http://www.lu.lv/eng/>

