



ŠIAULIŲ
UNIVERSITETAS

UNIVERSITY OF ŠIAULIAI
FACULTY OF EDUCATION
NATURAL SCIENCE EDUCATION RESEARCH CENTRE

International Scientific - Practical Conference

INFORMATION & COMMUNICATION TECHNOLOGY IN NATURAL SCIENCE EDUCATION - 2014

23 - 24 October 2014

CONFERENCE PROGRAMME



Faculty of Education, University of Šiauliai
P.Višinskio Street 25, Šiauliai, Lithuania

Thursday
23th October 2014

8:30 - 9:30

REGISTRATION

(4th Floor, Faculty of Education, Siauliai University, Višinskio Street 25, Šiauliai)

9:30-10:00

OPENING CEREMONY

(Fourth Floor, Room 416, Faculty of Education, Siauliai University, P.Višinskio Street 25, Šiauliai)

Dean of Faculty of Education **doc. dr. Erika Masiliauskienė**
Head of NSERC **prof. dr. Vincentas Lamanaukas**

10:00-12:00

WORKSHOP 1

(Fourth Floor, Room 416, Faculty of Education, Siauliai University, P.Višinskio Street 25, Šiauliai)

Chairman: Vincentas Lamanaukas

1. **Paolo Bussoti, Raffaele Pisano.** *Federigo Enriques and his ideas on geometry education: how conception expressed at the beginning of the 20th century can be modern also today (Italy).*
2. **Agnaldo Arroio.** *Media literacy supporting teacher's empower development by video production in the republic of Mozambique (University of San Paulo, San Paulo, Brasil).*
3. **Martin Bílek, Veronika Machková.** *New Challenges for Computer Supported School Chemical Experiment (Department of Chemistry, Faculty of Science, University of Hradec Králové, Czech Republic).*
4. **Andris Broks.** *Innovation of Educational Content and Pedagogical Technologies (University of Latvia, Latvia)*

12:00-14:00



LUNCH

14:00-16:00

WORKSHOP 2

(Fourth Floor, Room 416, Faculty of Education, Siauliai University, P.Višinskio Street 25, Šiauliai)

Chairman: Agnaldo Arroio, Renata Bilbokaitė

1. **Agnaldo Arroio, Valeria Campos Santos.** *The teaching of chemistry in macro, micro and symbolic levels assisted by the involvement of teachers in a community of practice (University of San Paulo, San Paulo, Brasil).*
2. **Veronika Machková, Martin Bílek.** *The Expert Evaluation of the Educational Computer Models Quality and Usability: The Case of Acid-base Titration Simulators (Department of Chemistry, Faculty of Science, University of Hradec Králové, Czech Republic).*
3. **Kateřina Chroustová, Martin Bílek.** *The Comparative Analysis of Natural Sciences Focused Educational Software from the View of Interactivity (Department of Chemistry, Faculty of Science, University of Hradec Králové, Czech Republic).*
4. **Michal Musílek.** *Inquiry Based Learning of the Algorithmic Thinking (Department of Informatics, Faculty of Science, University of Hradec Králové, Czech Republic).*
5. **Renata Bilbokaitė.** *Psychoeducation model of computer based visualization usage in science education (Natural Science Education Research Centre, Siauliai university, Lithuania).*

17:00 – 20:00



CONFERENCE DISCUSSION

Friday
24th October 2014

9:00-18:00



WORKSHOP
(Šiauliai-Alsėdžiai-Plateliai-Plungė-Telšiai-Šiauliai)

During conference
POSTER PRESENTATIONS

(Fourth Floor, Hall, Library of Siauliai University, Vytauto Street 84, Šiauliai)

1. **Martin Bílek, Veronika Machková, Michal Musílek, Kateřina Chroustová.** *Inquiry Based Science Education Supported by Project „Science at Your Fingertips* (Faculty of Science, University of Hradec Králové, Czech Republic).
2. **Violeta Šlekienė, Loreta Ragulienė.** *Electronic Information Mean Created for Study of Nanotechnology* (Natural Science Education Research Centre, Siauliai University, Lithuania).
3. **Violeta Šlekienė, Loreta Ragulienė.** *Increasing of Motivation for Learning Physics by Using Interactive Demonstrations* (Natural Science Education Research Centre, Siauliai University, Lithuania).

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Scientific Methodical Centre “Scientia Educologica”, Lithuania