



HORIZON 2020 MSCA-RISE-2017 Project No. 778070

TransFerr:

Transition metal oxides with metastable phases: a way towards superior ferroic properties

Seminar-Training in chemical routes synthesis; dielectric and transport properties measurements

11-12 October, 2018. Faculty of Chemistry and Geosciences, Institute of Chemistry, Vilnius University, Lithuania

Agenda

1. Thursday, October 11th (Venue: Aula Parva, Vilnius University, Universiteto 3).

8:00–9:00 Registration of the participants

9:00-10:00 Opening ceremony of the conference “Oxygenalia2018”

10:00–10:30 Prof. Jacek Namieśnik, University of Gdańsk, Poland. Oxygen demand – general indication of level of pollution of the waters

10:30–11:00 Prof. Virginijus Šikšnys, Vilnius University, Lithuania. The beginning of genome editing

11:00-11:30 Coffee break

(Separate room from Oxygenalia2018; Venue: Auditorium 238 or 239, or Senate Hall, Vilnius University, Universiteto 3)

11:30-11:40 Welcome + Opening of TransFerr Session (Wiesław Stręk, Aivaras Kareiva)

11:40-11:50 Short remarks on scientific part of Transferr Project (Dmitry Karpinsky)

11:50-12:20 TransFerr project. Oral presentation „Sol-gel synthesis route to mixed-metal oxides“ (Dr. Anna Lukowiak)

12:20-12:50 TransFerr project. Oral presentation „Hydrothermal synthesis route to mixed-metal oxides“ (Matas Janulevicius, Vilnius University)

12:50-13:20 TransFerr project. Oral presentation „Co-precipitation synthesis method“ (Dr. Edita Garskaite, Luleå University of Technology)

13:20-15:00 Lunch

(Back to room of Oxygenalia2018; Aula Parva, Vilnius University, Universiteto 3)

15:00-15:30 Prof. Wiesław Stręk, Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Wrocław, Poland. Enhanced solubility of oxygen in subcritical water

(Separate room from Oxygenalia2018; Auditorium 238 or 239, or Senate Hall, Vilnius University, Universiteto 3)

15:30-16:00 **TransFerr project.** Oral presentation „Dielectric properties measurements” (Prof. Juras Banys, Vilnius University)

16:00-16:30 **TransFerr project.** Oral presentation „Transport properties measurements” (Dr. Tomas Salkus, Vilnius University)

17:00-18:30 **TransFerr project. Supervisory Board meeting**

19:00 Gala dinner (Vilnius Center)

2. Friday, October 12th (Aula Parva, Vilnius University, Universiteto 3).

9:00-9:30 Prof. Marek Samoć, Wrocław University of Science and Technology, Poland. Nonlinear optics and applications of the reactive oxygen species

9:30-10:00 Prof. Feliksas Jankevičius, Vilnius University, Lithuania. A new generation of prostate cancer markers.

10:00-10:30 Prof. Andrzej Mackiewicz, Poznań University of Medical Sciences, Poland. Oxygen and Cancer: Friends or Foes.

10:30-11:00 Prof. Egidijus Rimkus, Vilnius University, Lithuania. Climate change: global and regional issues.

11:00-11:30 Coffee break

(Separate room from Oxygenalia2018; Auditorium 238 or 239, or Senate Hall, Vilnius University, Universiteto 3)

11:30-13:00 **TransFerr Meeting.** Discussions. Future plans (Dmitry Karpinsky, Anna Lukowiak and others)

13:30 – 15:00 Lunch and **Final remarks**

19:00 Gala concert (Lithuanian Academy of Sciences, Gedimino Ave. 3)