



**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-precipitaion 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)

1. **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**)