### Date

**Estimation of DSGE models for policy analysis**

On-line research seminar for the Ministry of Finance of the Russian Federation

by OGResearch

To be determined

### Program

Both the conceptual introduction and the practical exercises will be illustrated using a simple DSGE model prepared by the lecturers

#### Block 1 – Conceptual introduction

* Brief introduction to the theory of system priors, Bayesian calibration, Bayesian estimation
* System properties of policy models: smell test simulations, frequency domain in DSGE
* Design of measurement equations in DSGE models with unit roots

#### Block 2 – Implementation and practical examples

* Kalman filtering and data likelihood in the Iris Toolbox
* Setting up system priors
* Running estimation procedures, interpreting results

### Deliverables

* Commented Matlab codes
* Introductory slide deck
* Video recording of the seminar

### Software requirements for the codes delivered

* Matlab R2019b or newer
* Iris Toolbox (installation instructions will shared before the seminar)