Applications of DSGE Models in Central Banking

Research Workshop of the National Bank of Ukraine

15-16 November 2018,

NBU Training Center, room 421, 4 floor, Andriivska Str. 1/1, Kyiv, Ukraine

Day 1	15 November 2018

08:45 – 09:15   **Registration**

09:15 – 09:30   **Opening remarks**
Dmytro Sologub, National Bank of Ukraine

09:30 – 11:15   **Session 1: DSGE models for policy analysis**

DSGE models: still useful in policy analysis?
Jesper Linde, Sveriges Riksbank

Lithuania, euro area, and global economy model
Anh D.M. Nguyen, Bank of Lithuania

Short-term costs of disinflation in a closed economy and a small open economy
Oleksandr Faryna, National Bank of Ukraine

11:15 – 11:45   Coffee break

11:45 – 12:45   *Applications of DSGE models: costs of inflation and the Barro-King curse*
Guido Ascari, University of Oxford, UK

12:45 – 14:00   Lunch

14:00 – 15:45   **Session 2: Challenges in developing and solving DSGE models**

The challenges with DSGE model-based forecasts for small open economies
Marcin Kolasa, Narodowy Bank Polski

Stationary model and non-stationary data
Alon Binyamini, Bank of Israel

Solving recursive macroeconomic models around the ergodic means of the distributions
Guillermo Hausmann Guil, Bank of Lithuania

15:45 – 16:15   Coffee break

16:15 – 17:30   **Session 3: DSGE models with financial frictions**

A DSGE model of Lithuanian economy with housing and financial frictions
Jaunius Karmelavicius, Bank of Lithuania

Trend inflation implications for asset pricing in DSGE model
Ales Marsal, National Bank of Slovakia

National Bank
of Ukraine

Day 2	**16 November 2018**

08:30 – 09:00	**Welcome coffee**
09:00 – 10:30	**Session 4: DSGE models in monetary policy decision making**
	g3: A core projection DSGE model of the Czech National Bank **Karel Musil**, Czech National Bank
	Using the Riksbank's DSGE-model in the forecasting process **Annukka Ristiniemi**, Sveriges Riksbank
	Forecasting with the DSGE model SoePL at the NBP **Jacek Suda,** Narodowy Bank Polski
10:30 – 11:00	Coffee break
11:00 – 12:00	*Beyond traditional DSGEs in real-world policy making* **Jaromír Benes**, Independent consultant
12:00 – 13:00	**Session 5: Macro models in central banks**
	Overview of NBG experience with using macro models for monetary policy analysis **Shalva Mkhatrishvili**, National Bank of Georgia
	DSGE models and their applications at Latvijas Banka **Ginters Buss**, Latvijas Banka
13:00 – 13:15	Closing remarks