**Venue**

The Workshop will be held at the Geological Institute, Bulgarian Academy of Sciences, Acad. G. Bonchev St., Bl. 24, 1113 Sofia, Bulgaria**,** [www.geology.bas.bg](http://www.geology.bas.bg), in the Plenary Hall, room 203, second floor.

The field tripwill bein Troyanovo-3 Mine at Mini Maritsa Iztok EAD, Mednikarovo, Bulgaria.

**Program**

**June 25, 2019** **- Arrival and registration of the participants**

**June 26, 2019** - **Scientific sessions**

 **9.00-9.30** Registration

**9.30-9.40** Introduction - Prof. Dr. Maya Stefanova

**9.40-9.50** Opening - Welcome address by Prof. R. Nakov, Director of Geological Institute at Bulgarian Academy of Sciences

**Morning session „Organic geochemistry of dumps and Technosols”**

Chairperson: Assoc. Prof. Dr. Zlatka Milakovska

**9.50-10.10** M. J. Fabiańska, M. Misz-Kennan, J. Ciesielczuk, Á. NádudvariTRANSFORMATIONS IN ORGANIC GEOCHEMISTRY OF COAL WASTE ROCKS SUBJECTED TO SECONDARY PROCESSES

**10.10-10.30** M. Stefanova, Zl. Milakovska, S.P. Marinov

Maritsa East Dump Materials: Implications from organic geochemical data

**10.30-10.50** I. Atanassova, M. Harizanova, M. Banov, S. Doerr

Lipid biomarkers and relationships with soil water repellency and other soil characteristics in Technosols from the region of Maritsa-Iztok coal mine in Bulgaria

**10.50 -11.30 - Coffee break**

**Morning session „Petrography and Organic geochemistry of lignites”**

Chairperson: Assoc. Prof. Dr. Zlatka Milakovska

**11.30-11.50** D. Mitrović, N. Đoković, D. Životić, A. Bechtel, R.F.Sachsenhofer, M. Obradović, K. Stojanović

PETROGRAPHICAL AND BIOMARKER STUDY OF LIGNITE LITHOTYPES AND SUBLITHOTYPES OF XYLITE-RICH COAL (KOLUBARA BASIN, SERBIA)

11.50-12.10 M. Misz-Kennan, M. Fabiańska, J.Ciesielczuk, Á. Nádudvari

application of organic petrology to investigations of coal waste dumps undergoing self-heating

12.10-12.30 A. Zdravkov, M. Stefanova, S.P. Marinov, J. Kortenski

unconventional organic geochemical characteristics of low rank coal from maritza west basin, bulgaria”

**12.30-14.00** Lunch

**14.00-14.30** Brief visit to labs of Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences

**Afternoon session “Geological features of lignite deposition and dump characteristics”**

Chairperson: Prof. Dr. Maya Stefanova

14.30-14.50 A. Bechtel, I.Y. Chekryzhov, B.I. Pavlyutkin, V.P. Nechaev, S. Dai, S.V. Vysotskiy, T.A. Velivetskaya, A.V. Ignatiev, W. Guo

composition of lipids from coal deposits of the Far East: Relations to vegetation and climate change during the Cenozoic

**14.50-15.10** G.Vladislavov, Z. Milakovska

Features of the geological basement in the SE part of Troyanovo-3 Mine, Maritsa Iztok Basin (Mini Maritsa Iztok EAD, Bulgaria)

**15.10-15.40** Coffee break

**15.40-16.00** Z. Milakovska,M. Stefanova, S.P. Marinov, K. Markova

Glimpse of the weathering processes of Dump organic matter (Mini Maritsa Iztok EAD, Bulgaria)

**16.00-16.20** S.P. Marinov, M. Stefanova, Z. Milakovska, A. Bechtel, A. Kosateva

POTENTIAL ORGANIC POLLUTANTS IN THE REGION OF MARITSA IZTOK ENERGY COMPLEX, BULGARIA: REVIEW ON OWN DATA

**16.30** - **Round table discussion. Concluding remarks**

Sightseeing/walking tour to Sofia with a stop for a craft beer and local delights

**June 27, 2017** - **Field trip -** Troyanovo-3 Mine at Mini Maritsa Iztok EADvisiting