



Institute of Mathematics and Informatics Bulgarian Academy of Sciences

Department of Algebra and Logic

Seminar of Algebra and Logic

Joint Meeting with the Seminar of the Department of Mathematical Logic and Its Applications of the Faculty of Mathematics and Informatics of Sofia University and the Seminar of Logic at the Institute of Philosophy and Sociology of BAS

World Logic Day Programme

January 15, 2021, 09:30-17:10 **local time UTC+2**

09:30-10:00 **Opening Words and Official Addresses**

HE Maria Edileuza Fontenele Reis, Ambassador of the Federative Republic of Brasil to the Republic of Bulgaria and the Republic of North Macedonia

Karina Angelieva, Deputy Minister of Education and Science

Julian Revalski, President of the Bulgarian Academy of Sciences

Anastas Gerdjikov, Rector of Sofia University "St. Kliment Ohridski"

10:00–10:30 Martin Tabakov (IPS-BAS)

Challenges of Contemporary Logic to Philosophy.

10:30–11:00 Doroteya Angelova (IPS-BAS)

Some Solutions of Sorites Paradoxes.

11:00–11:30 Elena Tsvetkova (IPS-BAS)

Explanation of the Conversation Implicatures with the Graded Salience Hypothesis.

11:30-11:40

break

11:40–12:10	Rosen Lutskanov (IPS-BAS)	Binary Decision Diagrams for Rational Choice.
12:10–12:40	Alexandra Soskova (FMI, Sofia University)	Effective Coding and Decoding in Classes of Structures.
12:40–13:25		lunch break
13:25–13:40	Jean-Yves Beziau, Creator of the World Logic Day and Editor-in- Chief of Logica Universalis	Official Address
13:40–14:40	Dimitar Vakarelov (FMI, Sofia University)	Point-free Theories of Space and Time.
14:40–14:50		break
14:50–15:30	Vesselin Drensky	Computational Complexity and Decision Problems in Algebra.
15:30–16:00	Petar Iliev (IPS-BAS)	Why Philosophers and Logicians Should Learn More about Computational Complexity.
16:00–16:10		break
16:10–16:40	Ivan Chipchakov	Open Problems on Field Extensions of Finite Transcendence Degree and the PAC Property.
16:40–17:10	Dimitar P. Guelev	Temporary Coalitions and Preference in Quantified Computation Tree Logic.

This is an **ONLINE EVENT**. The [Zoom](#) link is available from [here](#).
[This programme in PDF format](#)

Seminar contact person: [Elitza Hristova](#), e-mail: e dot hristova at math dot bas dot bg

Latest update: January 7, 2021.

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