



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"

Martin Tabakov (IPS-BAS)

**Challenges of Contemporary Logic to Philosophy. Abstract Pre-recorded presentation**

10:00-10:40 Doroteya Angelova (IPS-BAS)

**Some Solutions of Sorites Paradoxes. Abstract Slides**

10:40-11:10 Elena Tsvetkova (IPS-BAS)

**Explanation of the Conversation Implicatures with the Graded Salience Hypothesis. Abstract Slides**

11:10-11:20

**break**

11:20–11:50	Rosen Lutskanov (IPS-BAS)	<b>Binary Decision Diagrams for Rational Choice.</b> <a href="#">Abstract Slides</a>
11:50–12:20	Alexandra Soskova (FMI, Sofia University)	<b>Effective Coding and Decoding in Classes of Structures.</b> <a href="#">Abstract Slides</a>
12:20–13:25		<b>lunch break</b>
13:25–13:40	Jean-Yves Beziau, Creator of the World Logic Day and Editor-in- Chief of <a href="#">Logica Universalis</a>	<b>Official Address</b>
13:40–14:40	<a href="#">Dimitar Vakarelov</a> (FMI, Sofia University)	<b>Point-free Theories of Space and Time.</b> <a href="#">Abstract Slides</a>
14:40–14:50		<b>break</b>
14:50–15:30	Vesselin Drensky	<b>Computational Complexity and Decision Problems in Algebra.</b> <a href="#">Abstract Slides</a> <a href="#">Video</a>
15:30–16:00	Petar Iliev (IPS-BAS)	<b>Why Philosophers and Logicians Should Learn More about Computational Complexity.</b> <a href="#">Abstract Slides</a>
16:00–16:10		<b>break</b>
16:10–16:40	Ivan Chipchakov	<b>Open Problems on Field Extensions of Finite Transcendence Degree and the PAC Property.</b> <a href="#">Abstract Slides</a>
16:40–17:10	Dimitar P. Guelev	<b>Temporary Coalitions and Preference in Quantified Computation Tree Logic.</b> <a href="#">Abstract Slides</a>

The home page of the official World Welcome Celebration of January 14, 2021 can be found [here](#). The page contains also a [pre-recorded video address](#) by Her Excellency Maria Edileuza Fontenele Reis to the worldwide community. Two of our colleagues, [Alexandra Soskova](#) and [Valentin Goranko](#), are among the official guests of the ceremony.

This is an **ONLINE EVENT**. [This programme in PDF format](#)

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Latest update: January 19, 2021. Department of Algebra and Logic | [IMI](#) | [BAS](#) Page maintained by [Elitza Hristova](#), [Dimitar P. Guelev](#).