



TRENDS *in* LOGIC 20(2020) Logic and Reasoning: Formal and Informal

The 20th Trends in Logic international conference will be held at the **Taras Shevchenko National University of Kyiv**, Kyiv, Ukraine, **May 13–15, 2020**. It is organized by the Department of Logic at the Faculty of Philosophy of the Taras Shevchenko National University of Kyiv, in co-operation with the journal *Studia Logica*.

Reasoning is at the very heart of logic, constituting its subject matter. In the last few decades, there has been considerable progress both in the purely logical analysis of reasoning and in applied logical investigations of various concrete subject domains, such as philosophical and scientific discourse, logic programming and everyday communication. Reasoning has been studied from proof-theoretical as well as semantic standpoints. Along with further elaboration of standard techniques (axiomatic systems, sequent calculi and natural deduction) a range of other approaches (such as display calculi, tableaux methods, hypersequent systems, etc.) and semantic modeling of logical systems are being developed. Moreover, there is a powerful tradition of analyzing and evaluating reasoning patterns by means of informal logic and argumentation theory. Recent advances in these fields, in particular constructing theoretical models of argumentation and dialectical systems, have proved promising. The aim of the conference is to bring together scholars working in various areas of proof-theoretic, semantic, argumentative and informal logic analysis.

Important dates:

Abstract submission deadline: 06 January, 2020

Notification of acceptance: 01 February, 2020

Registration opens: 10 February, 2020

Early registration closes: 16 March, 2020

Invited Speakers:

Hans van Ditmarsch (French National Centre for Scientific Research, France)

Valentin Goranko (Stockholm University, Sweden)

Dale Hample (University of Maryland, USA)

Hitoshi Omori (Ruhr-University Bochum, Germany)

Program Committee:

Iryna Khomenko (Taras Shevchenko National University of Kyiv, Ukraine)

Jacek Malinowski (Polish Academy of Sciences, Poland)

Gabriel Sandu (Helsinki University, Finland)

Cristián Santibáñez (Catholic University of the Most Holy Conception, Chile)

Yaroslav Shramko (Kryvyi Rih State Pedagogical University, Ukraine)

Rich Thomason (University of Michigan, USA)

Yde Venema (University of Amsterdam, Netherlands)

Heinrich Wansing (Ruhr-University Bochum, Germany)

Organizing Committee:

Leonid Hubersky (Taras Shevchenko National University of Kyiv)

Anatoly Konversky (Taras Shevchenko National University of Kyiv)

Iryna Khomenko (Taras Shevchenko National University of Kyiv)

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Nadiya Kozachenko (Kryvyi Rih State Pedagogical University)

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