

We held **the first Korea Logic Day 2021** successfully on 14, January, 2021 to celebrate the third World Logic Day. Because of the pandemic of COVID-19, we had a conference on the Zoom online. There were 9 speakers (3 plenary speakers and 6 contributed speakers) from various topics of Logic, philosophy, mathematics, computer science, and applications of logic to industries, and there were 38 participants. For more detailed information, please visit our webpage (<https://korealogicday.org/2021/>) in both English and Korean.

Plenary Talk

Chung, Inkyo (Korea University)

The Meanings of Logical Constants and Identity: A Proof-theoretic and Verificationist Account

Kim, Byunghan (Yonsei University)

An introduction to model theory

Selivanova, Svetlana (KAIST)

Towards Complexity Classification of Partial Differential Equations

Contributed Talk

Choi, Seungrak (Korea University)

The Counterexample to the Proof-Theoretic Conjecture for Self-Referential Paradoxes

Kim, Joonhee (Yonsei University)

One-variable theorem for antichain tree property

Lee, Hyoyoon (Yonsei University)

Strong types and the Lascar group

Moon, Stella (University of California, Irvine)

Does Path Induction in HoTT need a Justification?

Park, Sewon (KAIST)

Intuitionistic Logic, Type Theory, and Computer Science

Schin, Seung-Woo (NCSOFT NLP Center)

Adopting Description Logics to NLP: Towards the Formal Semantics of the Natural Language

Organizers

Lee, Junguk (KAIST)

Park, Sewon (KAIST)

Ziegler, Martin (KAIST)