

Report on

The Quantified Argument Calculus

World Logic Day Event, 14 January 2021

The online talk, "Introduction to Quarc: The Quantified Argument Calculus", was delivered by Professor Hanoch Ben-Yami, of the Department of Philosophy, Central European University, Vienna. The organisers were Hanoch Ben-Yami and Hongkai Yin.

The Quantified Argument Calculus (Quarc) is a new logic system, developed by Hanoch Ben-Yami together with and other philosophers and logicians. Its basic departure from Frege's logic is in its treatment of quantification: quantifiers are not sentential operators but connect to one place predicates to form arguments – quantified arguments – of other predicates. Quarc is closer to natural language in its syntax and the inferences it validates than is the first-order Predicate Calculus, while being at least as strong as the latter.

In this meeting, the first of a postgraduate seminar on Quarc, Ben-Yami introduced Quarc, in a presentation interspersed and followed by discussion. More than 30 people from all over the world attended the event.

A recording of the event is available at,

<https://ceu.cloud.panopto.eu/Panopto/Pages/Viewer.aspx?id=5b46c7c7-90a0-4a11-869d-acb00112ce82>

For inquiries, please write to Quarc@CEU.edu.

