



Ceremony for awarding the

Doctor Honoris Causa

distinction to His Excellency

Academician Professor Lovász László, Ph. D.,

Eötvös Lóránd University

and the Rényi Alfréd Institute of Mathematics in Budapest, Hungary.

Motivation

The Babeş-Bolyai University of Cluj-Napoca has awarded the Doctor Honoris Causa distinction, to Professor Lovász László, Eötvös Lóránd University and the Rényi Alfréd Institute of Mathematics in Budapest, Hungary, for his exceptional scientific expertise in the fields of mathematics and theoretical computer science. One of his most important contributions is the discovery of the Lenstra–Lenstra–Lovász lattice basis reduction algorithm. Moreover, Professor Lovász is one of the scholars who turned these fields into key focus areas of modern mathematics.

The awarding ceremony took place on November 10, 2022, during which Professor Lovász László held an extensive presentation entitled “Graph theory. From puzzles to a new paradigm”, in which he expanded upon the history of the subject, dating back to the 18th century observations of Leonard Euler. They contain the theoretical foundations of graphs, which are, in turn, the basis of computer science with its algorithms, highly elaborated graphs and networks, such as the internet.