



# Kurt Gödel Prize

Kurt Gödel Society Brno, 15.1.2020

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# Kurt Gödel Society in Brno.

- › The intention of the Society established in 1992 was to support scientific meetings in Brno dedicated to Gödel's legacy, to spread knowledge about it to the wider public and to remind the places connected with his stay in Brno.
- › 1993 colloquium Computer Logic and Proof Theory, Faculty of Informatics
- › plaque at Gödel's birthplace at Pekařská 5
- › contact with Gödel Society in Vienna.
- › 1996 a conference Logical Foundations of Mathematics, Computer Science and Physics - Gödel '96, S. Feferman, D. Mundici, A. Leitsch, Ch. Parsons, G. Ellis, P. Hájek, L. Bukovský...
- › 1996 the first Czech monograph on Gödel was published, including translations of 3 Gödel's works.
- › 2006, the Czech-Slovak Conference on Analytical Philosophy associated with the name of Kurt Gödel. The conference was organized by Brno universities and the Institute of Philosophy of the Academy of Sciences.
- › As part of this event, the Gödel Society organized Kurt Gödel Day, which boasts an outstanding international participation (Roger Penrose, John Dawson, Jr., Martin Goldstern).

Lecture Notes in  
Logic

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Petr Hájek (Ed.)

Gödel '96

Logical Foundations of Mathematics,  
Computer Science and Physics - Kurt Gödel's Legacy  
Brno, Czech Republic

# Kurt Gödel Society in Brno.

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- › The Kurt Gödel Days became an annual event.
- › 2008, the symposium The Questions of Popularization of Kurt Gödel's Work was held at the Faculty of Arts. During this event, Petr Vopěnka unveiled a plaque at the Gödel's Villa below Špilberk.
- › In the gallery, which is in this villa, there was an exhibition of paintings by Milivoj Husák inspired by the work of Kurt Gödel.
- › 2008, the traveling exhibition of Gödel's Century was introduced, connected with a series of lectures, on this occasion, a collection of texts On Kurt Gödel from Brno was published.
- › 2015, the translations of Gödel's famous articles on completeness (1930) and incompleteness (1931) were published with the support of Petr Vopěnka.
- › 2016, the symposium was held at the Faculty of Education, connected with the memory of Pavel Zlatoš about Petr Vopěnka.
- › 2018, the Central European Relativity Seminar was held in Brno with a summary lecture by Jan Novotný about Gödel's physical work.
- › 2018, lectures on Gödel were held at MU and in the Moravian Library, under the title “Eyes of Brno”.
- › 2019, the street near Gödel's birthplace was named Kurt Gödel's Alley and our goal is to set up a memorial trail running through the adjacent Studánka Park.

## The Society's latest initiative - to award the Kurt Gödel Prize.

- › None other than Petr Vopěnka can be the first laureate of the Kurt Gödel Prize.
- › Petr Vopěnka pointed out the role of Kurt Gödel in mathematics and its influence on the development of society in his monumental image of the history of mathematics (Cornerstone of European Culture and Power, Beauty of Neobaroque Mathematics).
- › Petr Vopěnka gave unique attention and quality support for Gödel's works.
- › Vopěnka was both a brilliant mathematician and a thoughtful philosopher. He could look at the known facts in an unexpected way.
- › An example per excellentiam would be an alternative view of Cantor's diagonal argument and the related new approach to set theory.
- › He also devotes Gödel with a penetrating passage in his literally charming book Guessing in the Pub.

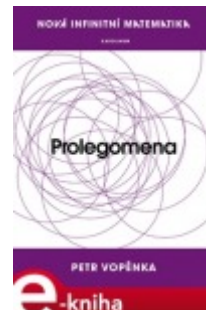
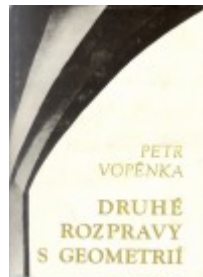
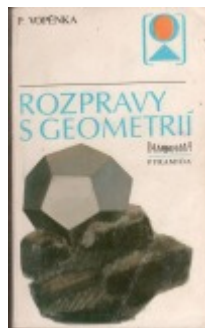


# Petr Vopěnka's Lectures and speeches in Brno

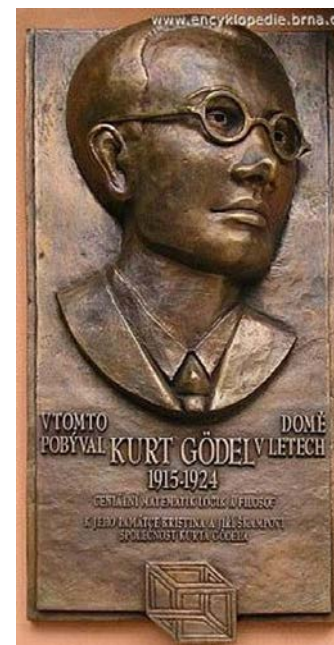
- › 1993 "Mathematics in the Changes of Time"
- › 1997 "On Some Breaks in the Development of Mathematics"
- › 1999 "General Collapse"
- › 2005 "The Truth in Set Theory"
- › 2008 "Gödel's triumph"
- › 2008, speech about Gödel on the occasion of the unveiling Gödel's plaque
- › 2009, "Old Books that Influenced Mathematics"
- › 2012, "Great Illusions of 20th Century Mathematics" gift to our Society
- › 2013, "Beauty of Mathematics" (connected with invitation of book J. Frýdek, I. Zelinka, F. Včelař: Godel 31

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- › Professor **Petr Vopěnka** contributed to extending the knowledge of Kurt Gödel's work in our country and especially in Brno.
- › He contributed to the development of traditions of rational thinking in european society.



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*Thank you for your attention*

