Petr Vopěnka

Miroslav Pernička
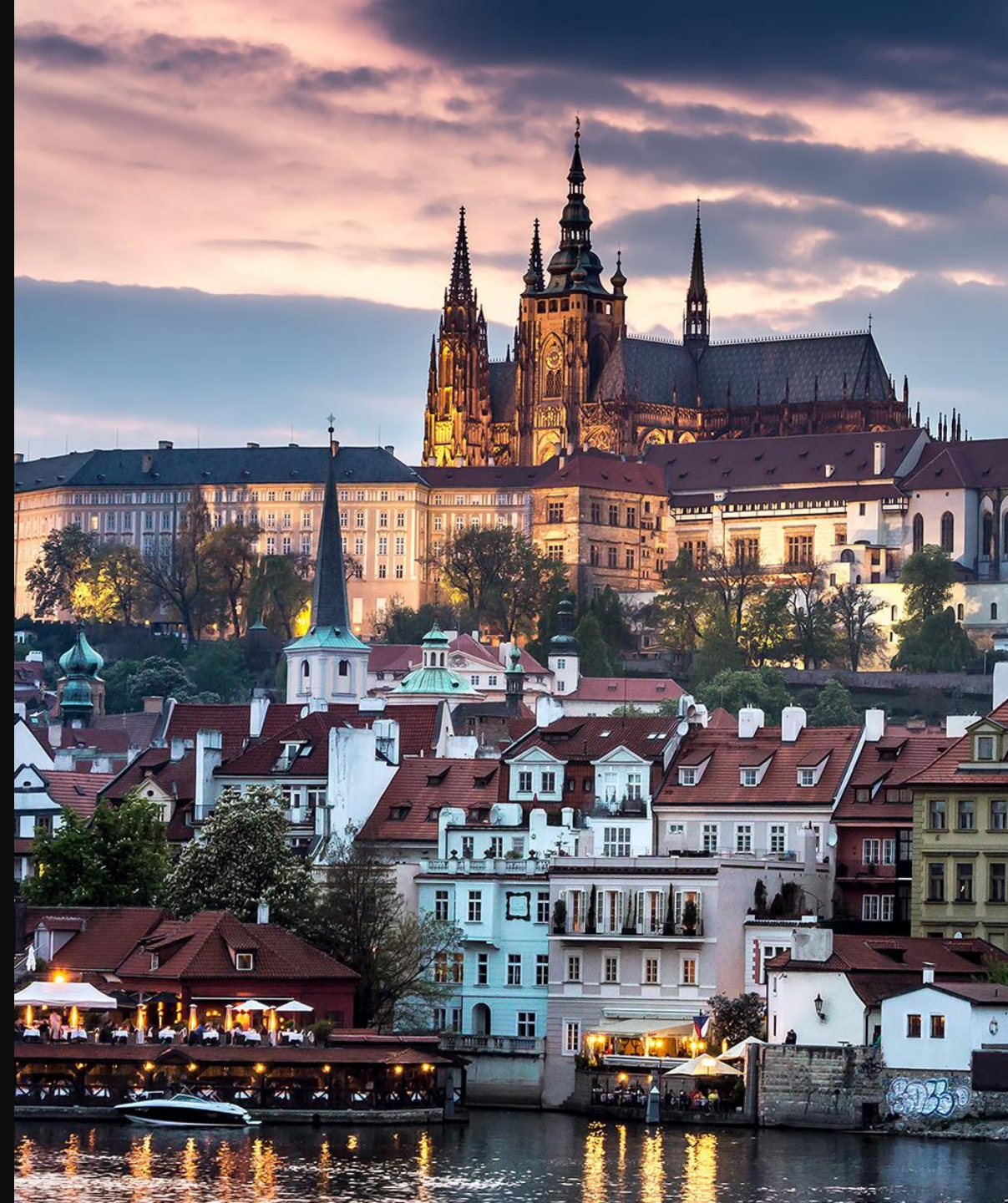
Content of my presentation

- basic information about him
- his life
- his work in math
- valuation
- his works

Basic information

- born: 16th May 1935 (Prague)
- death: 20th March 2015 (Prague)
- founder of alternative set theory
- by his name names a lot of math sciences and objects

His life

- his parents were math teachers
- studied at grammar school in Ledeč na Sázavou
- after at the Faculty of Mathematics and Physics of the Charles University, where was the last Eduard Čech's diplomat (important Czech mathematician)
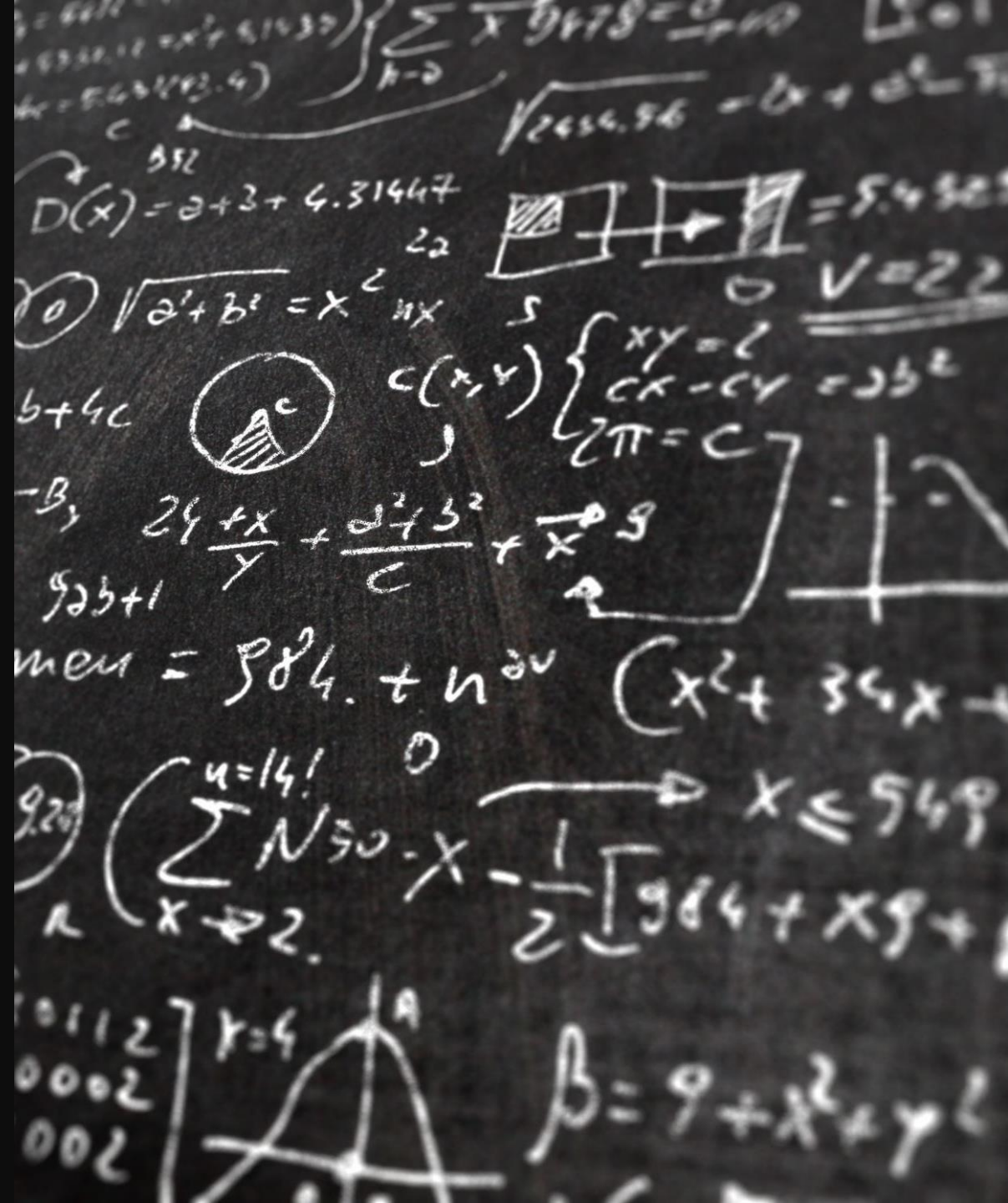- after studying there, he got there a job – teacher.

His life

- in 1968, the scientific council of Charles University approved his appointment as a professor, but because of comunnism it was in 1990

- in 1990 – 1992 was Minister of Education

- in 1992 – 2000 was the head of the Department of Mathematical Logic at the Faculty of Mathematics and Physics of Charles University

His work in math

- founder of alternative set theory
- he dealt with philosophical and historical questions of mathematics, in which it isn't a matter of a common concept of history, but rather of showing the leading ideas of a certain period and thinking about their legacy to the present time

Valuation

- 1998 – State award Medal for Merit II. degrees (awarded by President Václav Havel)

- 2004 – prize of the Dagmar and Václav Havel Foundation

- 2009 – honorary doctorate at Jan Evangelista Purkyně University

Works

- Analytic Geometry (1964)
- Conversations with Geometry (1989)
- Second Discourses with Geometry (1991)
- Minister with the Government of National Sacrifice (1992)
- Geometrizing the Real World (Third Discourses with Geometry) (1995)
- The Opening of Non-Euclidean Geometric Worlds (Fourth Discourses with Geometry) (1995)
- Second Generation Analytic Geometry (1998)
- The cornerstone of European education and power. Collected edition of Discourses with geometry (2000)
- Meditations on the Foundations of Science (2001)
- A Harrowing Secret (2003)
- A story about the beauty of neo-baroque mathematics. Collected edition of Discourses on Theory of Sets (2004)

Works

- A story about the beauty of neo-baroque mathematics. Collected edition of Discourses on Theory of Sets (2004)

- Horizons of infinity. A Mathematical View of the World (2004)

- An Introduction to Classical Set Theory (2010)

- The Great Illusion of Mathematics XX. century and new foundations 2011)

- A wonderful flower of the Czech Baroque. First Lectures on Set Theory (2012)

- Casual Conversations with Mathematics (2014)

- The New Infinite Mathematics (2014)

- The New Infinite Mathematics: I. The Great Illusion of 20th Century Mathematics (2015)

- New infinite mathematics: II. A New Theory of Sets and Semisets (2015)

- New infinite mathematics: III. Real numbers and their discretization (2015)

- New infinite mathematics: IV. Old Differential Calculus (2015)

Thank you for your attention!

Resources

- **www.wikipedia.cz**
- **www.mff.cuni.cz**
- **www.eduin.cz**