



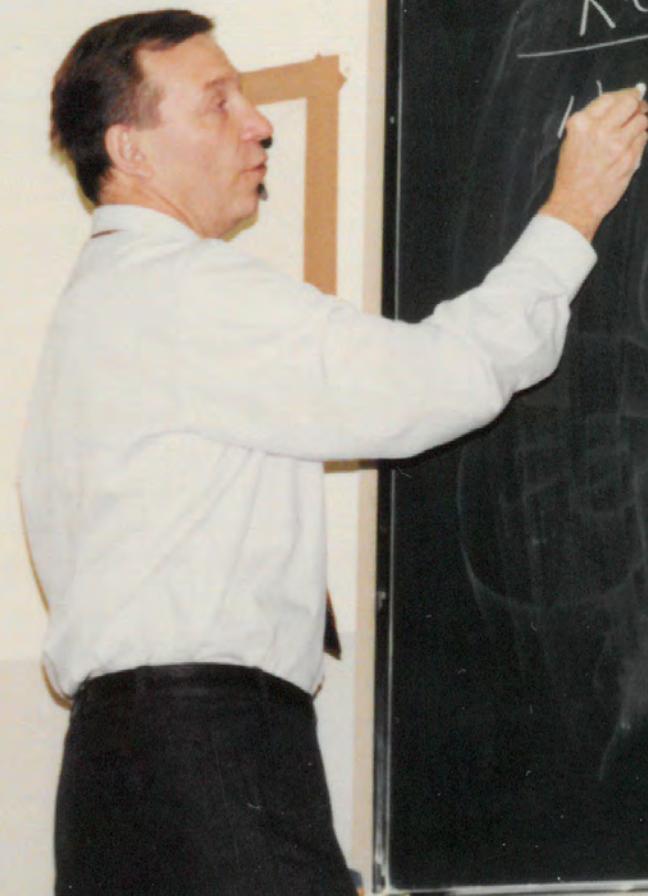
Jiří Bičák  
teacher and mentor





Relativity in 60 m

1)



**Jan Slavík**

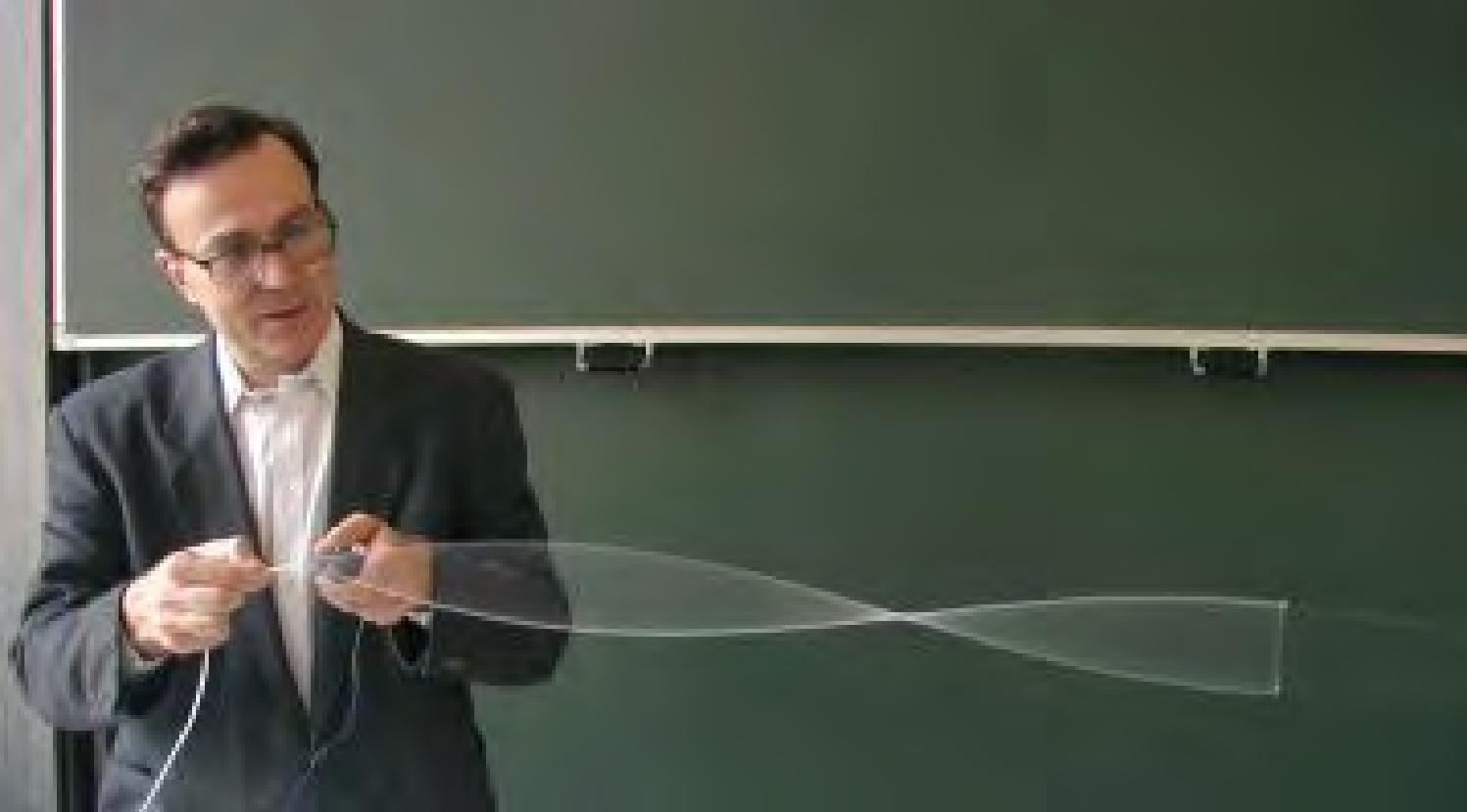


# Petr Hadrava





Václav Janiš



Leoš Dvořák

# Vlado Balek





# Zdeněk Stuchlík

# Jiří Basler



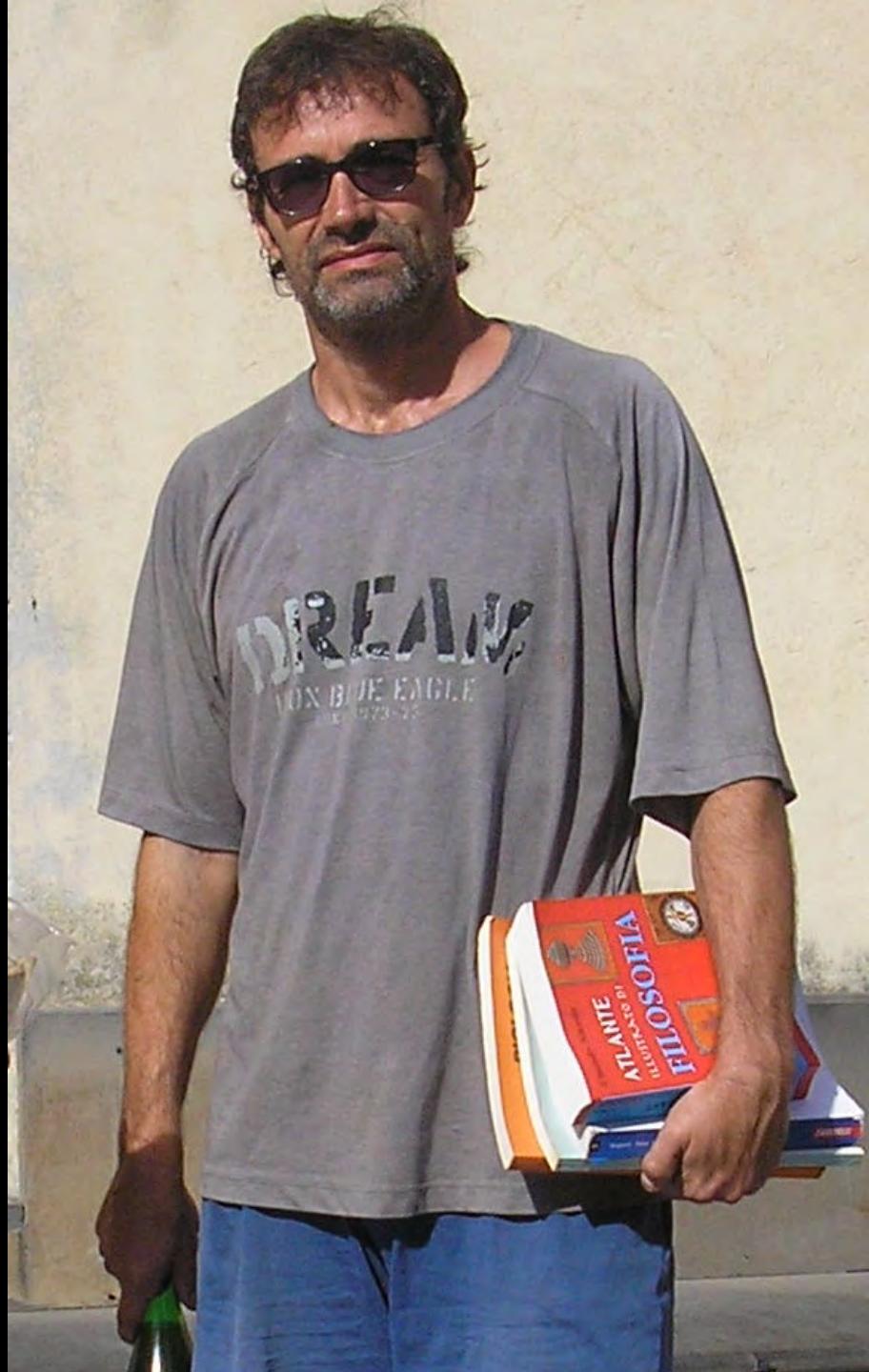
# Vladimír Karas



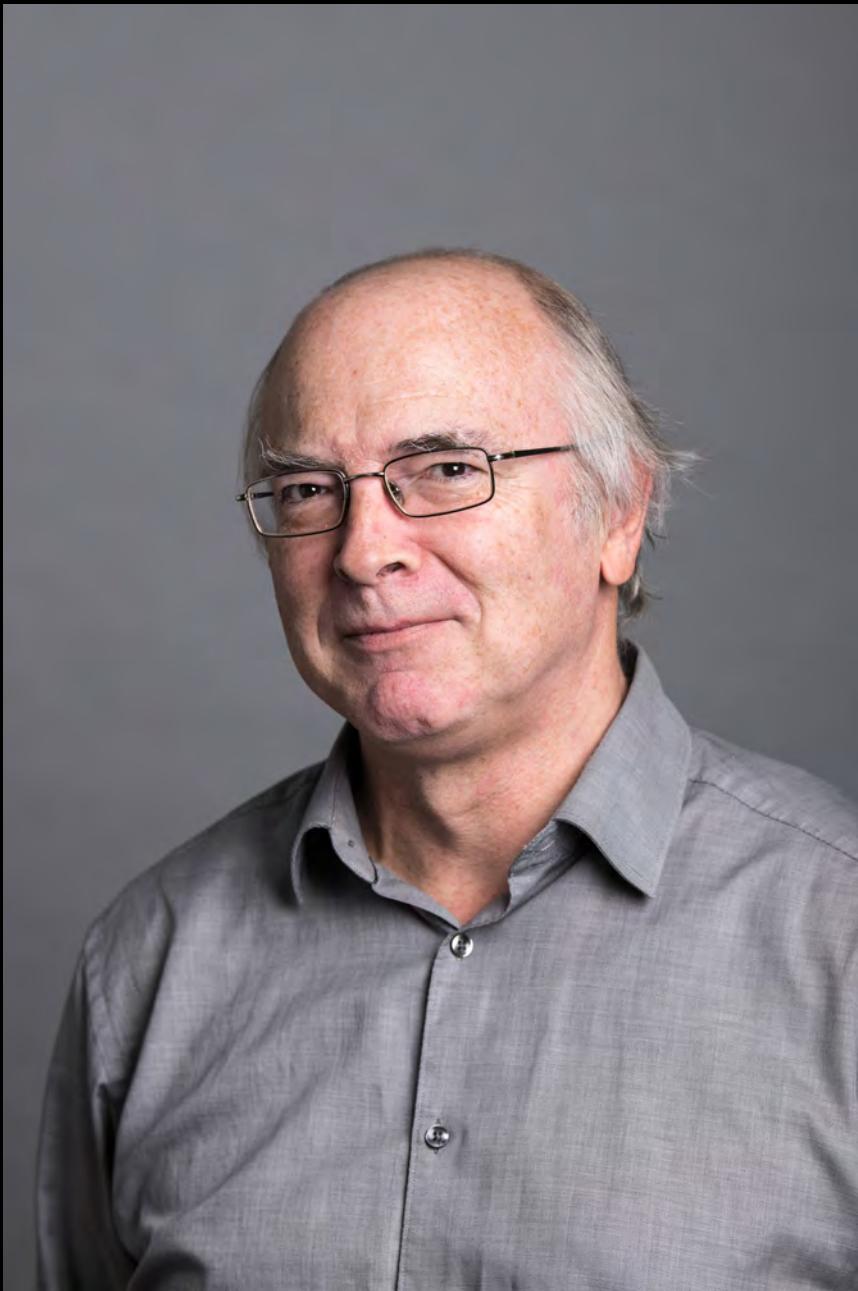


Ralf Muschall

# Oldřich Semerák



# Ondřej Šípr





Jiří Podolský

**Tomáš Kopf**





Pavel Krtouš



Eduard Gajdoš

# Tomáš Ledvinka





Alena Pravdová

# Vojtěch Pravda



# Tomáš Doležel



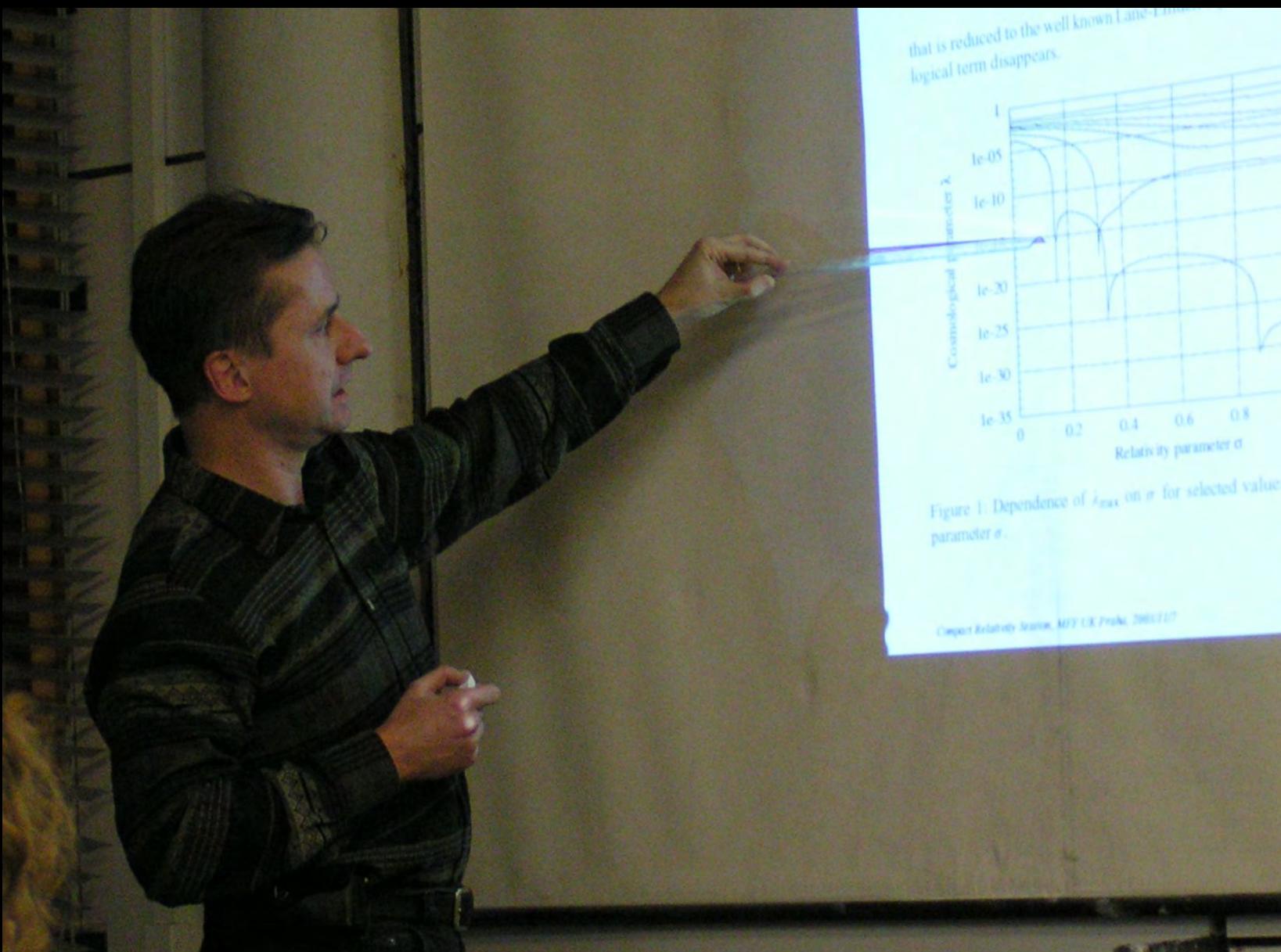
# Roman Ságner





Alexandr Malijevský

# Stanislav Hledík





Martin Žofka

# Eliška Lehečková





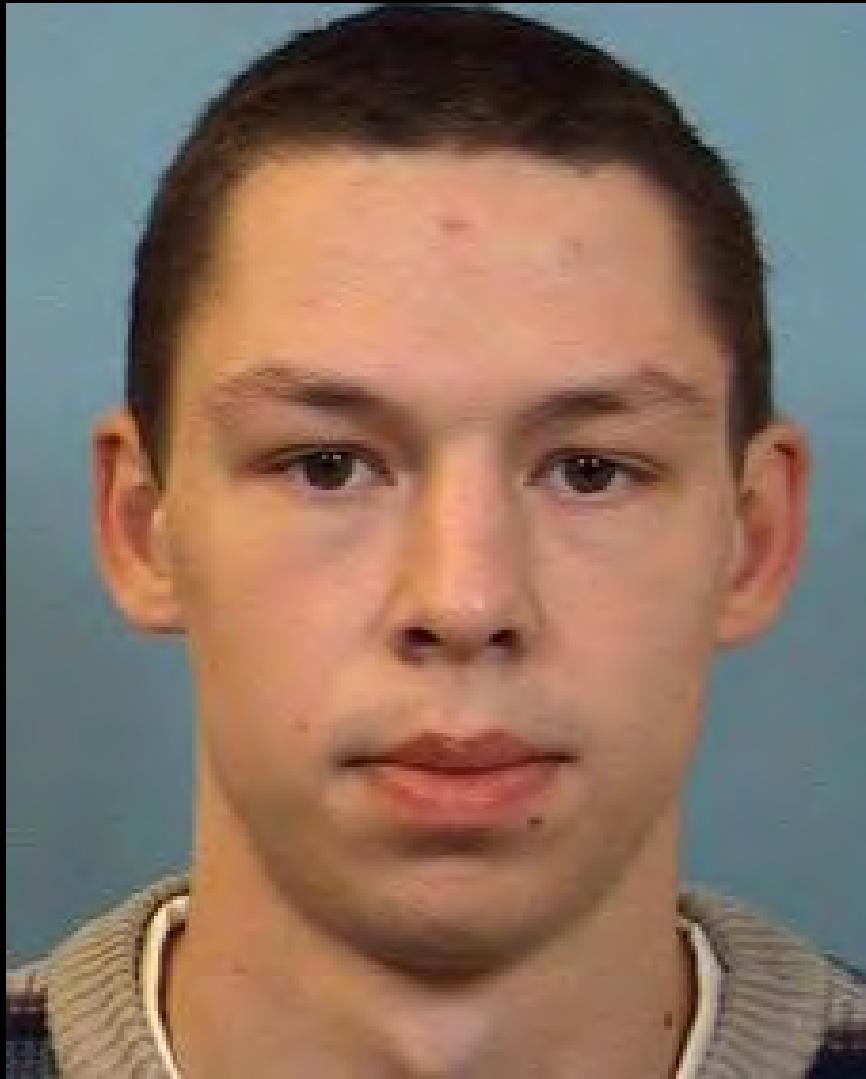
David Kofroň



Martin Scholtz

# David Kubizňák





Martin Bohata

# Norman Gürlebeck





Marián Pilc



Filip Hejda



**Josef Schmidt**



Jakub Haláček

# Morteza Kerachian



A portrait photograph of a young man with long, wavy brown hair and a beard. He is looking directly at the camera with a neutral expression. He is wearing a dark t-shirt. The background is a solid light blue.

Mak Pavičević

Bára Bezděková







Jiří Bičák  
scientist and colleague



*Ten, kdo nám dovedl ukázati některou novou linii, některou netušenou perspektivu z krásy věcí a světa, je naším dobrodincem, jediným a nezapomenutelným. Zdá se nám, jako by nám patřil před svým narozením a celou věčností se k nám blížil a v tomto životě nás nalezl, aby nám řekl, co nám měl říci. Po celý život jsme mu vděční dle zákona lásky, která nedovede zapomenouti než jen to, co sama rozdala.*

*Otokar Březina (1868-1929), Hudba pramenů — Krása světa*

*He who was able to reveal to us a new line, an unforeseen perspective within the beauty of the things and of the world, is our benefactor, unique and unforgettable. It seems to us as if he belonged to us before his birth and was approaching us throughout all eternity, to find us in this life and tell us what he had to tell. We are grateful to him all our lives according to the law of love which is able to forget nothing but that which she herself gave to others.*

Katedra teoretické fyziky MFF UK na výletě  
v r. 1962-3 (?)

Zleva: Karel Kuchař, Olda Bílek, Jan Obdržálek,  
(? - modrý golínek), Milan Marvan, Karel Rohlena,  
Jiří Langer (pouzpatrový), Václav Vítěch, Ota Horáková,  
Ivan Veltrusky, Jiří Dvořák, Alena Bastecká,  
Alena Hesová, Čestmír Hruška -

fotil Jiří Brňák  
(zapsal 4.1.2004 J. Br.)





S. E. M. L. O'Brien  
na Suíomh i Brú

n. 1976



J. A. Wheeler

E. Schmutz

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J. Langer

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V. N. Rudenko

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Learned Society of

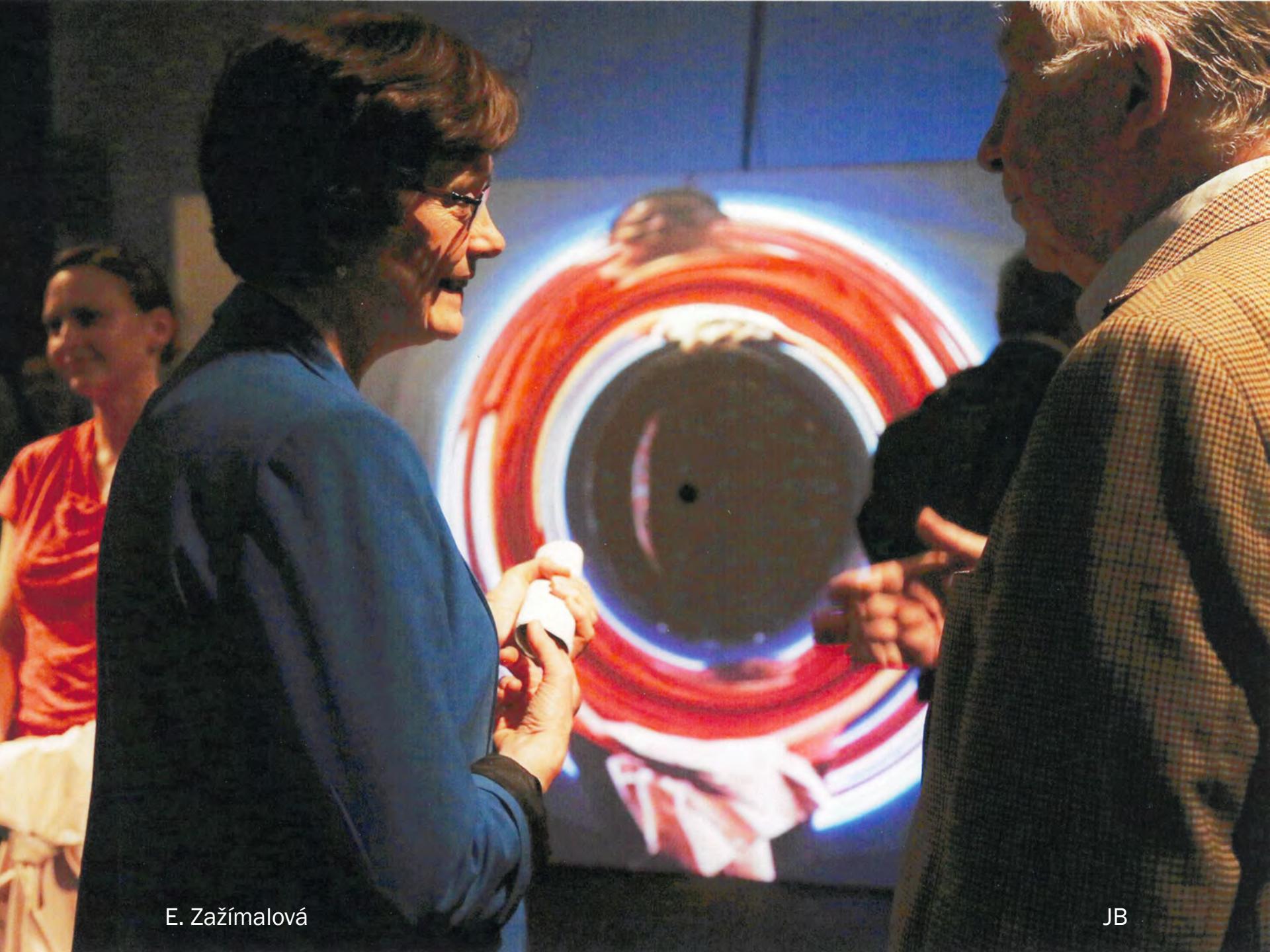


K. Thorne

JB



Na snímku Akademie Víd 16. 12. 2016 s prof. H. Illertrovou



E. Zažímalová

JB



UNIVERSITAS CAROLINA





R. Wald

JB



G. Gibbons





A. Ashtekar



H. Nicolai

T. Damour

JB

J. Holáček

JB

D. Lynden-Bell



J. Halacek



G. Schäfer

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J. Ehlers



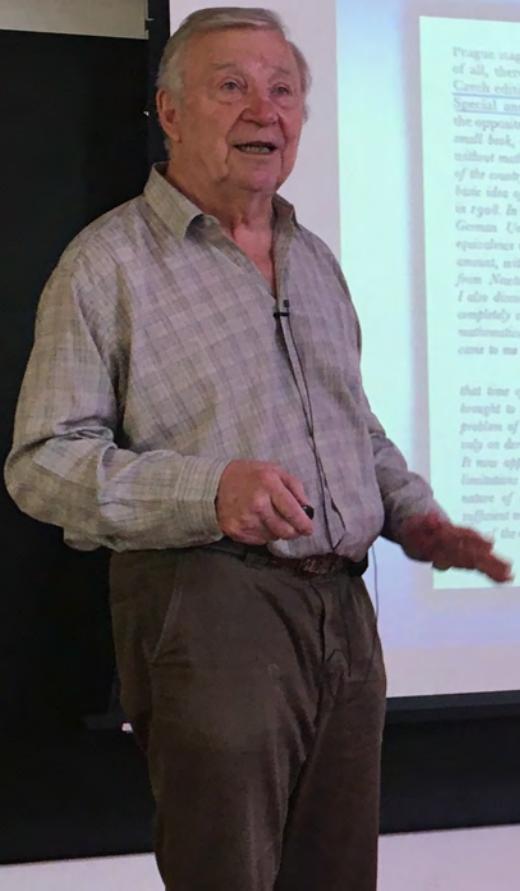
J. Haláček

P. Krtouš

H. Reall

J. Podolský

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### Einstein's Days and Works in Prague

#### About the special and general theory of relativity in plain terms (Czech translation)

Prague stage of his journey to the general theory of relativity! First of all, there is a precious document — Einstein's foreword to the Czech edition of 1923 of his famous little popular book "About the Special and General Theory of Relativity in Plain Terms" (see the opposite page for the original German text). [I am pleased that this small book, in which the main ideas of the theory of relativity are explained without mathematical elaboration, should now appear in the native language of the country in which I found the necessary concentration for developing the basic idea of the general theory of relativity which I had already conceived in 1905. In the quiet rooms of the Institute of Theoretical Physics of Prague's German University in Vienna, Switzerland, I discovered that the principle of equivalence implies the deflection of light rays near the Sun by an observable amount, without at that time knowing that a similar result had been derived from Newton's mechanics and his corpuscular theory of light. In Prague I also discovered the shift of spectral lines towards the red which is not yet completely confirmed. However, the decisive idea of the analogy between the mathematical formulation of the theory and the Gaussian theory of surfaces came to me only in 1912 after my return to Zurich, without being aware of

that time of the work of Riemann, Ricci, and Levi-Civita. This was first brought to my attention by my friend Grossmann when I posed to him the problem of looking for generally covariant tensors whose components depend only on derivatives of the coefficients of the quadratic fundamental invariant. It now appears that it is already possible to estimate the achievements and limitations of the whole theory. It gives a deep knowledge of the physical nature of space, time, matter and gravity; however, it does not provide sufficient means for solving the problems of quanta and of the atomic constitution of the elementary electric units of which matter is composed.]

Einstein's foreword to the  
Czech edition of 1923 of his  
famous little popular book  
"About the Special and  
General Theory of Relativity  
in Plain Terms"





Jiří Bičák, † 26. 1. 2024