

Bruno Touschek

Bruno Touschek was born in Vienna in 1921 and died in Igls, Austria, in 1978. He was the first to design and bring to completion the first electron-positron collider, the storage ring (Anello di Accumulazione) AdA, built in Frascati, Italy, in 1960 .

The authors

Luisa Bonolis, who wrote the script for the movie, graduated from University of Rome La Sapienza with Carlo Bernardini as advisor. She is a historian of physics and has authored a number of monographic works about last century scientists. Her most recent works include *Bruno Touschek vs. machine builders: AdA the first matter-antimatter collider*, published in *Rivista del Nuovo Cimento*, Vol. 28 (11) 2005.

Enrico Agapito, the director of the movie, has been active in science and cultural outreach programs, most of them in collaboration with the Italian television stations, RAI3 and RAI Educational. He has directed a TV series on Nobel Prize winners, the PULSAR program on the history of science in the 1900s, a program on great scientists from last century and, in 2003, has directed documentary movies about Italian Science Centers for EXPLORA, the Italian TV satellite station. He is a teacher in the scientific interdisciplinary outreach Master program at SISSA in Trieste.

The movie

In 2003, 25 years after Touschek's disappearance, Carlo Bernardini, his friend and collaborator in the AdA adventure, now Professor Emeritus at Rome University La Sapienza and Giulia Pancheri, collaborator with Bruno Touschek in papers on Radiative Corrections at ADONE, wished to honor his memory and bring his life and work to a wider public, mostly to the new generation of students who knew nothing about the physicist who designed and brought to completion the first electron-positron collider, AdA. Luisa Bonolis suggested a movie about his life and together with Enrico Agapito brought it into existence, with INFN sponsorship.

Acknowledgments

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Bruno Touschek and the art of physics

Enrico Agapito,
Luisa Bonolis

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