**Aula T4 P.P. Pasolini,
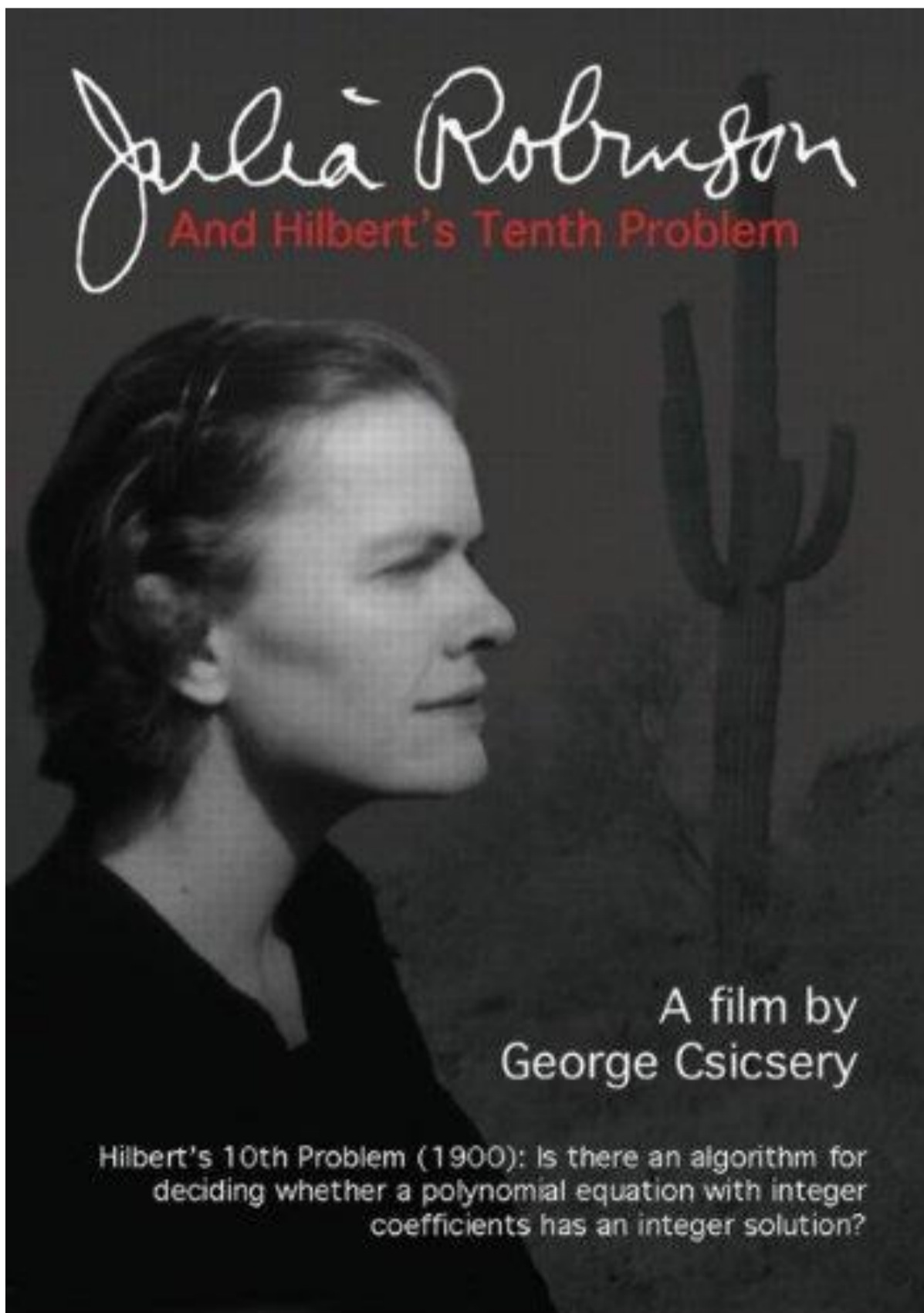Palazzo di Toppo Wassermann,
via Gemona 92, Udine**

**Giovedì 19 dicembre 2019,
ore 18.30**

**La visione è riservata alla
comunità universitaria**

SUPERIORE.
proiezione del film

*Julia Robinson and Hilbert's
Tenth Problem*

A one-hour biographical documentary, *Julia Robinson and Hilbert's Tenth Problem* tells the story of a pioneer among American women in mathematics. Julia Robinson was the first woman elected to the mathematical section of the National Academy of Sciences, and the first woman to become president of the American Mathematical Society. Her work, and the exciting story of the path that led to the solution of Hilbert's tenth problem in 1970, produced an unusual friendship between Russian and American colleagues at the height of the cold war.

In this film, Robinson's major contribution to the solution of H10 triggers a tour of 20th century mathematics that moves from Paris in 1900, through the United States, to the Soviet Union, and back. The film covers important events in the history of modern mathematics, while conveying the motivations of mathematicians and exploring the relationship between mathematical research and the development of computers. Julia Robinson's story, and the presence of prominent women in mathematics in the film, is an inspiration to young women to pursue educational opportunities and careers in mathematics.