

PRESS RELEASE
FOR IMMEDIATE RELEASE
April 10, 2008

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The Mathematical Sciences Research Institute (MSRI) and
the Department of Mathematics at UC Berkeley
Co-Sponsor the Northern California premiere screening of

Julia Robinson
And Hilbert's Tenth Problem

A film by
George Csicsery

Wednesday April 30, 2008, 7 p.m. to 9 p.m.

at the Chan Shun Auditorium in Rm. 2050 (VLSB) Valley Life Sciences Building,
at the University of California, Berkeley

A one-hour biographical documentary, **Julia Robinson and Hilbert's Tenth Problem**, tells the story of a pioneer among American mathematicians. In 1975, Julia Robinson (1919-1985) became the first woman elected to the mathematical section of the National Academy of Sciences, and in 1982 she was the first woman to become president of the American Mathematical Society. She played a key role in the solution of Hilbert's Tenth Problem. As an undergraduate, Julia Robinson attended UC Berkeley during her senior year and stayed for graduate studies in mathematics, completing her Ph.D. in 1948. She was appointed a full professor at Berkeley in 1976. In 1983, she was awarded a MacArthur Foundation Fellowship.

The screening will be followed by a panel discussion with producer/director **George Csicsery** and several participants featured in the film, including **Constance Reid**, **Martin Davis** (*Prof. Emeritus*, Courant Institute, NYU), **Bjorn Poonen** (Prof., UC Berkeley) and **Dana Scott** (*Prof. Emeritus*, Carnegie Mellon University). **Alan Weinstein**, UCB Prof. and Chair of the Math Department, will moderate. Constance Reid is a distinguished mathematical biographer, the sister of Julia Robinson, and the author of *Julia: A life in mathematics*. Dana Scott, who is among the logicians interviewed in the film, began a close lifelong professional and personal friendship with Julia in the early fifties when he was an undergraduate student at Cal. Martin Davis was a close collaborator with Julia and Hilary Putnam on research that played an important role leading up to the ultimate proof of the unsolvability of Hilbert's Tenth Problem. Bjorn Poonen is a mathematician whose current research includes the application of modern number theory and algebraic geometry to extensions of Hilbert's Tenth Problem.

For event details, please see www.msri.org/calendar/specialevents/SpecialEventInfo/353/show_specialevent

Julia Robinson and Hilbert's Tenth Problem was made possible by a grant from Margaret and Will Hearst and by generous support from the Clay Mathematics Institute. Produced and directed by George Csicsery. With the participation of Constance Reid, Martin Davis, Hilary Putnam, Yuri Matiyasevich, and many others. Narrated by Danica McKellar. Edited by Tal Skloot. Music by Mark Adler.

For more information about the film *Julia Robinson and Hilbert's Tenth Problem* and to watch a trailer, see <http://zalafilms.com/films/juliarobinson.html> or contact George Csicsery at Zala Films: geocsi@zalafilms.com - (510) 428-9284 - www.zalafilms.com

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