▶ SANDRA MÜLLER, *A stationary-tower-free proof of* Sealing *from a supercompact.*
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Sealing is a generic absoluteness principle for the theory of the universally Baire sets of reals introduced by Woodin. It is deeply connected to the Inner Model Program and plays a prominent role in recent advances in inner model theory. Woodin showed in his famous Sealing Theorem that in the presence of a proper class of Woodin cardinals Sealing holds after collapsing a supercompact cardinal. I will outline the importance of Sealing and discuss a new and stationary-tower-free proof of Woodin's Sealing Theorem that is based on Sargsyan's and Trang's proof of Sealing from iterability. This is joint work with Grigor Sargsyan and Bartosz Wcisło.