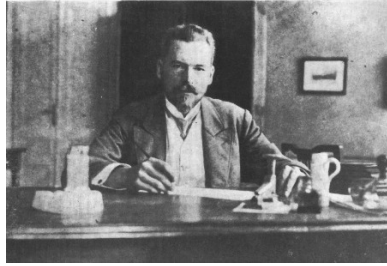


36th M. Smoluchowski Symposium on Statistical Physics: Soft Matter,
Information Processing and Nonequilibrium Fluctuations



Contribution ID: 89

Type: **Regular Talk**

Stochastic resonance in memristors

Tuesday, 26 September 2023 09:40 (25 minutes)

Two models in which dynamic conductance is modelled as an overdamped motion in a potential, display memristive behavior and stochastic resonance when subject to an external noise. One is a tilted two-well potential and the other a monostable well but with both additive and multiplicative noises.

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Session Classification: Session 6