

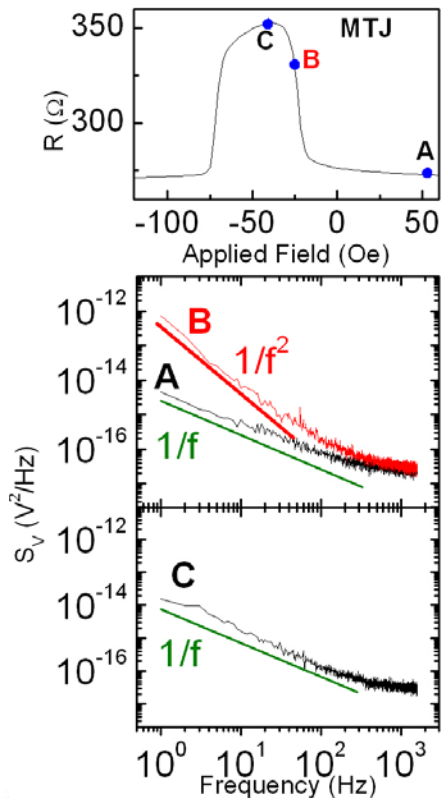
# Noise Measurements in Magnetic Tunnel Junctions

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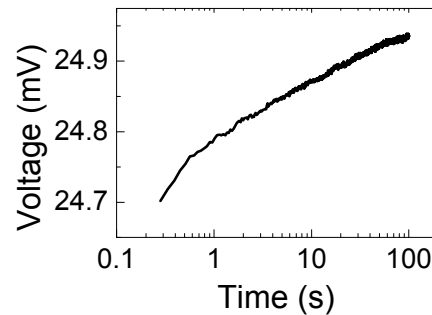
- Previously observed large noise in magnetic tunnel junctions is studied and is found to be an artifact, which is attributed to the magnetic aftereffect

## ● MAJOR OBSERVATIONS

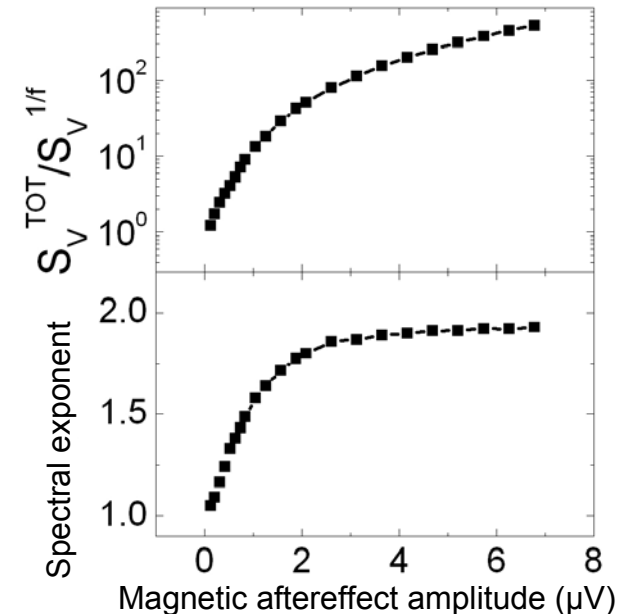
- ◆ Large time dependent evolutions (magnetic aftereffect) during magnetization switching
- ◆ The magnetic aftereffect is responsible for large noise levels



Examples of measured time signals with field fixed at transition state:



The logarithmic nature indicates the Magnetic Aftereffect



## ● Publications

- ◆ F. Guo, G. McKusky and D. Dahlberg, Applied Physics Letters **95**, 062512 (2009).