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A continuous transition from chaotic bursting to chaotic spiking in a glow discharge plasma and its associated long range correlation to anti correlation behaviour

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Highlights (for review)

- Transition from chaotic bursting to chaotic spiking behaviour is observed.
- Floating potential fluctuations are intermittent in nature.
- We found transition from long range correlation to long range anti correlation behaviour.
- Long range correlation behaviour investigated using detrended fluctuation analysis.