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Pulsars from radio to TeV Gammas

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Pulsars are highly magnetised, fast spinning neutron stars. Their pulsations can be observed across an extremely wide electromagnetic window, from radio to high energy Gamma-ray. In this talk, I will briefly review observational properties of different populations of pulsars (e.g., young pulsars, magnetars and millisecond pulsars) and their emissions from radio to Gamma-ray. I will then focus on radio and high energy Gamma-ray emission of pulsars and talk about some recent observational progresses. I'll finish my talk with discussions on pulsar science with future telescopes such as CTA and SKA.

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