

Invitation to a

Guest lecture

Thursday, July 16th, 5 pm (s.t.)

Join the video conference here: <https://washington.zoom.us/j/2159758827>

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Seeing in the dark

We have known for more than 100 years that the ability of human observers to detect weak lights is limited as much by the division of light into discrete photons as by biological noise. This high sensitivity challenges our understanding of several common biological processes - including G-protein coupled signaling, synaptic transmission and neural coding. I will describe what we understand, and what we don't understand, about the retinal mechanisms that enable detection of a few photons.

Hosted by Dr. Christian Puller (Visual Neuroscience Lab, Department of Neuroscience)

Members of all institutes are cordially invited to join the lecture.