

Invitation to a

Guest lecture

Thursday, Nov 26th, 4 pm (s.t.)

Join the video conference here: <https://washington.zoom.us/j/92030900449>

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The role of nonlinearities in neural coding

Many classical models of visual processing in the cortex have assumed that the transformation of light inputs to neural signals in the retina were relatively linear. However, many nonlinear components of retinal circuits have now been described and these nonlinear elements contribute to many complex and vital computations. I will describe some of the nonlinear processing in the retina, its implementation at the biophysical and circuit level, and its contribution to neural computations including noise reduction, adaptation, and motion detection.

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

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