

Astronomy Talk 14th April 2020

How the eye works – an astronomer's perspective

This was the first "Zoom" talk given the chairman: a short one to try out the method of presentation.

It covered the structure of the eye, the tristimulus nature of cone cells, which make it difficult to detect green against a thermal background, and the nature of rods and cones.

Perception includes atmospheric effects, photopic sensitivity, gender differences and tetrachromacy. We also looked at the effects of ageing, and the process of adjustment for night vision.

Lastly there were various hints to help astronomers.