







































Dr. Dezhe Jin, Penn State (KITP Brain Program 9/24/04)









## Conclusion

- A consistent explanation of TAE needs to include not only the fatigue of neurons but also the repulsive shifts of their preferred orientations.
- The repulsive shifts of the preferred orientations are useful for reducing perception deviation in visual system when fatigue is unavoidable.

## Collaborators

Valentin Dragoi, University of Houston Mriganka Sur, MIT Sebastian Seung, MIT