

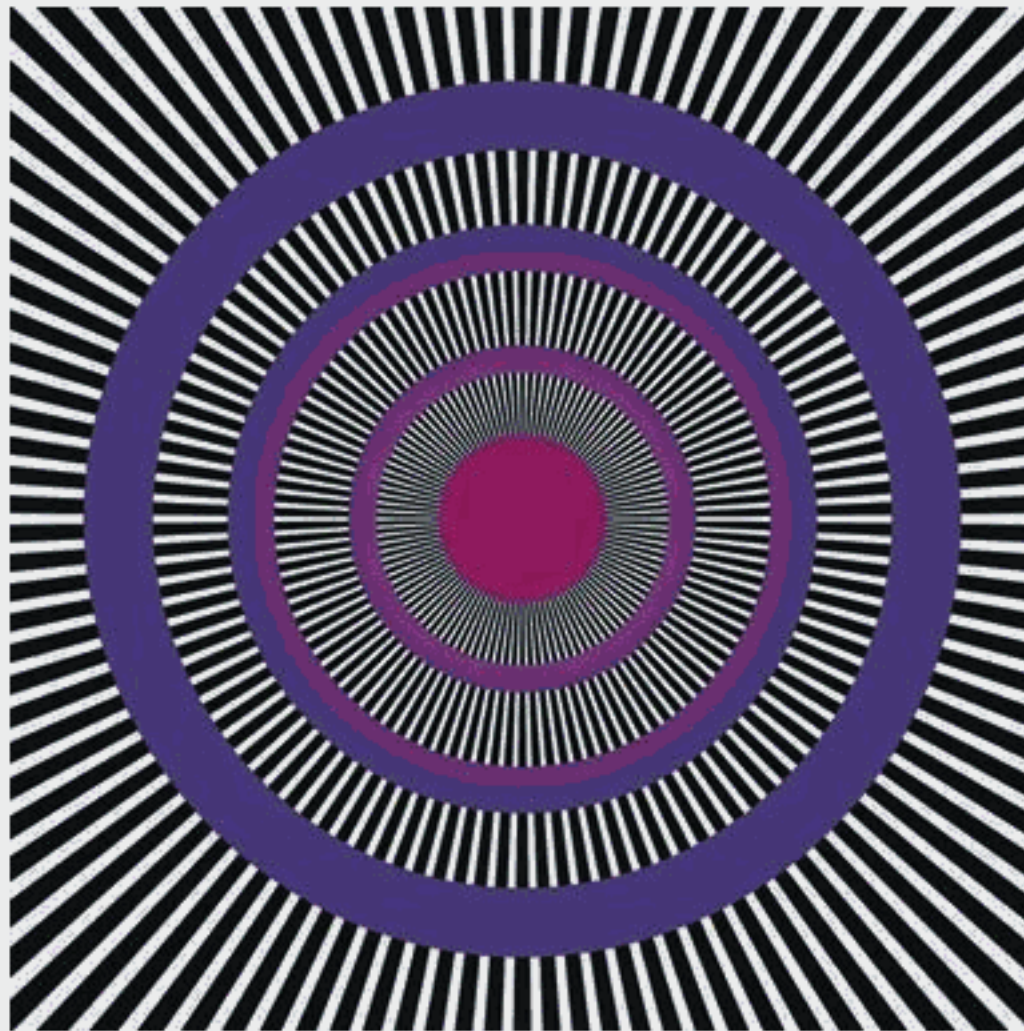
The Bee Buzz

Biodiversity, ecology, ethology, [Bee] conservation, and their global concerns

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Secrets of Illusions

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Barrow scientists solve 200-year-old scientific debate involving visual illusions

Participants in the study observed the Enigma illusion while their eye movements were simultaneously recorded with high precision cameras. Microsaccade rates increased before the illusory motion sped up and decreased before the motion slowed, revealing a direct link between the eye movements and the illusion.

"We have discovered that this illusion originates with eye movements and not solely the brain as previously thought," says Dr. Martinez-Conde. "The findings from the study could help design future prosthetics for patients with brain damage or brain lesions that affect the perception of motion."

Image Caption: "The Enigma" is by Isia Leviant (1981)

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- o [April 2008](#)
- o [March 2008](#)
- o [February 2008](#)
- o [January 2008](#)
- o [December 2007](#)
- o [September 2007](#)
- o [August 2007](#)
- o [July 2007](#)
- o [June 2007](#)
- o [May 2007](#)
- o [April 2007](#)
- o [March 2007](#)
- o [February 2007](#)
- o [January 2007](#)
- o [December 2006](#)
- o [November 2006](#)
- o [October 2006](#)

November 2008

M	T	W	T	F	S	S
					1	2