



Cover: How do you make a fly crash? With great difficulty, it seems. A split second after being thrown from its perch on the inside wall of a small glass observation box, this blowfly (*Calliphora vicina*) has righted itself, and begun preparations to land on the other side. Flies employ several sensory mechanisms to estimate their self-motion, in order to control and stabilize their gaze and flight. The paper by Parsons, Krapp and Laughlin (pp. 4464–4474) suggests that the speed with which the fly visual system detects a potentially catastrophic rotation is improved by adding inputs from a simpler set of optical sensors, the ocelli.

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