

CENTER FOR FLUID MECHANICS SEMINAR

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Some Ideas on Action Potentials

It is proposed that the action potentials propagate as ion-acoustic waves in the axons rather than by the diffusion process according to the telegraph equation. A non-linear oscillator model is also proposed to account for the spike threshold and the signal coding of the action potentials.

**Monday, July 9, 2007
Barus & Holley, Room 190
2:00pm**