

## Signal-based Perception Coding

- *Trade-off between Perceptual Coding and Machine Vision*



*Parietal Lobe / Temporal Lobe*



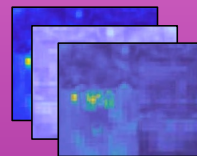
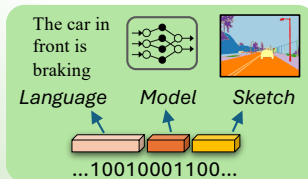
*LGN*



*Visual Cortex*

## Collaborative Intelligence Coding with Decision-making

- *Collaborative Coding with Scalable Bitstream*
- *Large Multimodal Models (Agent-based)*



## Compact Feature Coding

- *Scene Understanding and Representation*
- *Detection, Segmentation, Tracking, etc.*