

Meta Perception Lab



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Dept. of Computer Science and Engineering

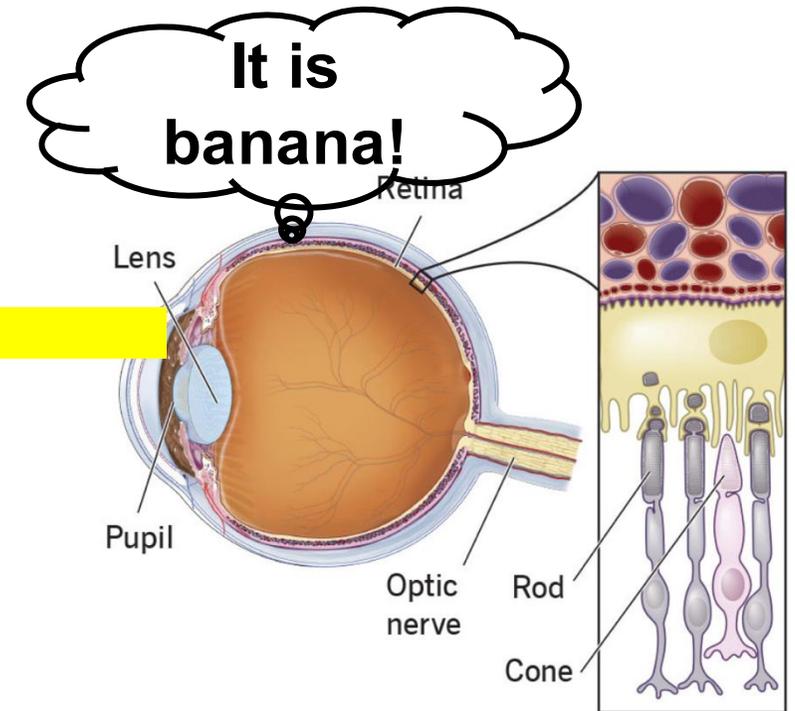
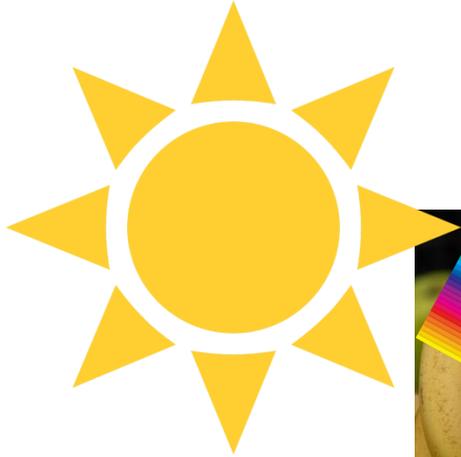
Seoul National University

How do we percept surroundings?

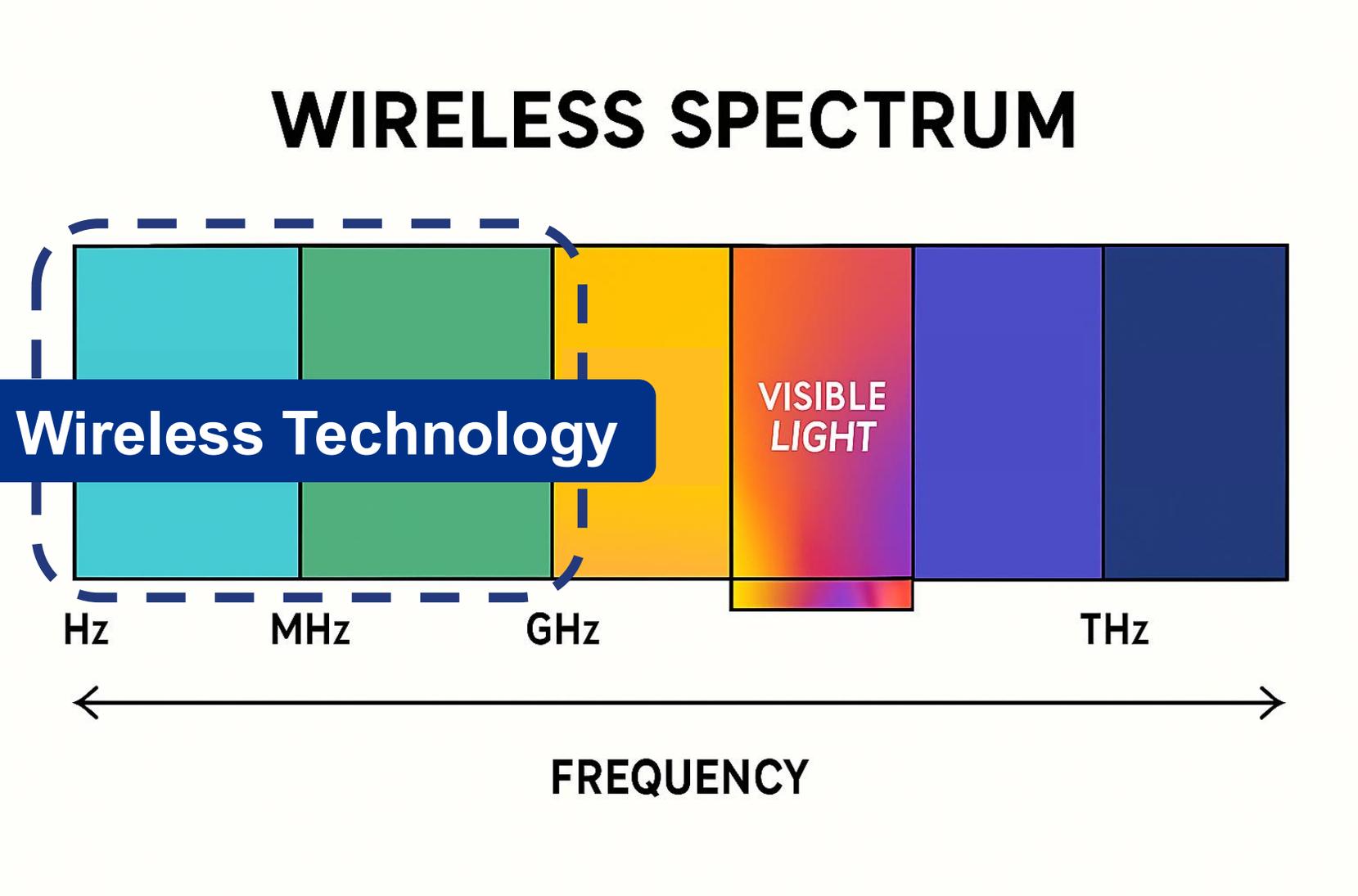


It is
banana!

Vision perception



Vision perception is the most common for us to understand the world.





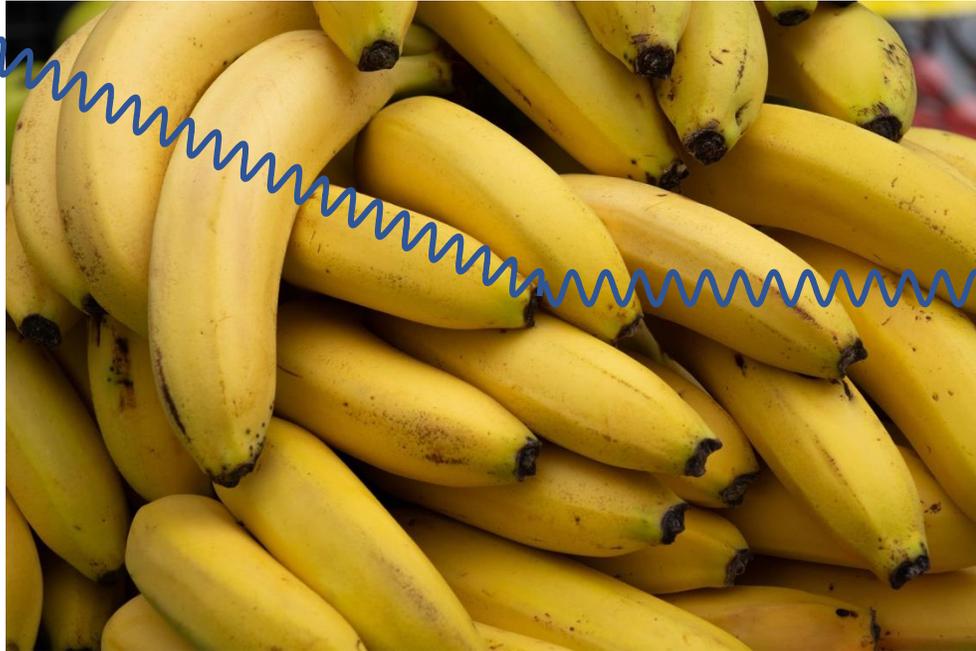
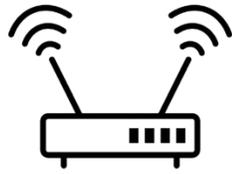
Wireless technologies are everywhere!



**Can we utilize wireless signals to
percept surroundings?**

Yes

Wireless perception

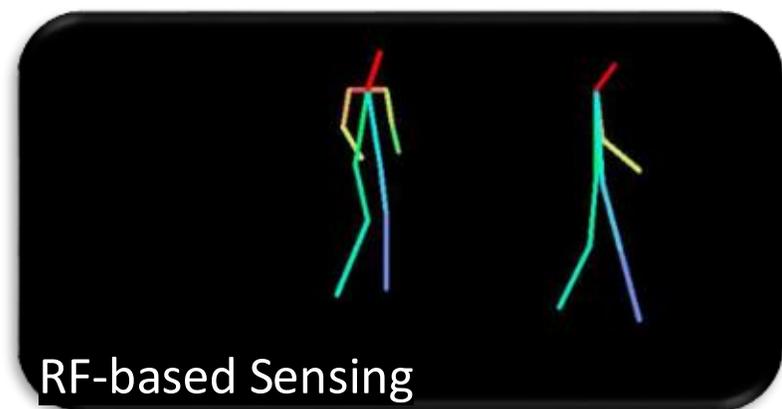


Wireless perception can help us to see a different world.

Wireless perception: new applications



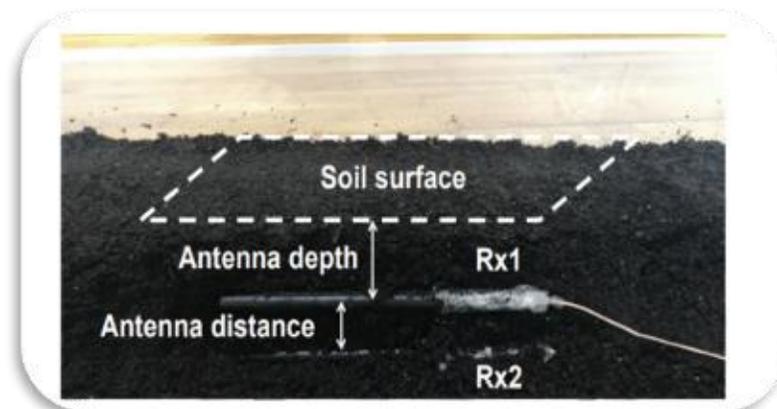
Vision Complementation



Material Sensing

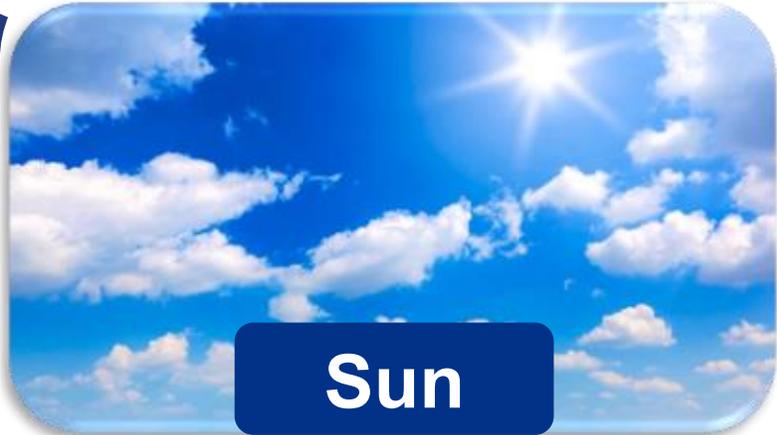


Environment Sensing



Limitations of current wireless sensing

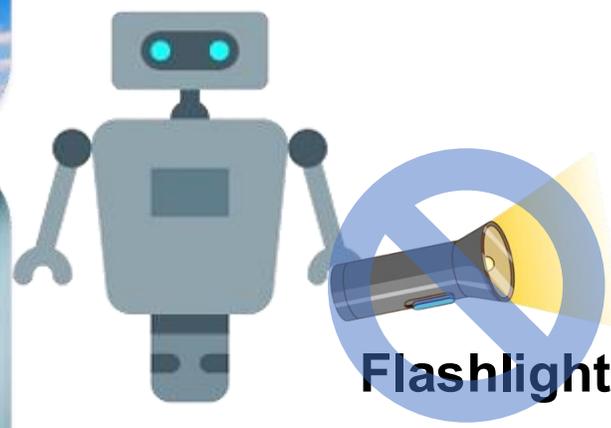
Vision Perception



Sun



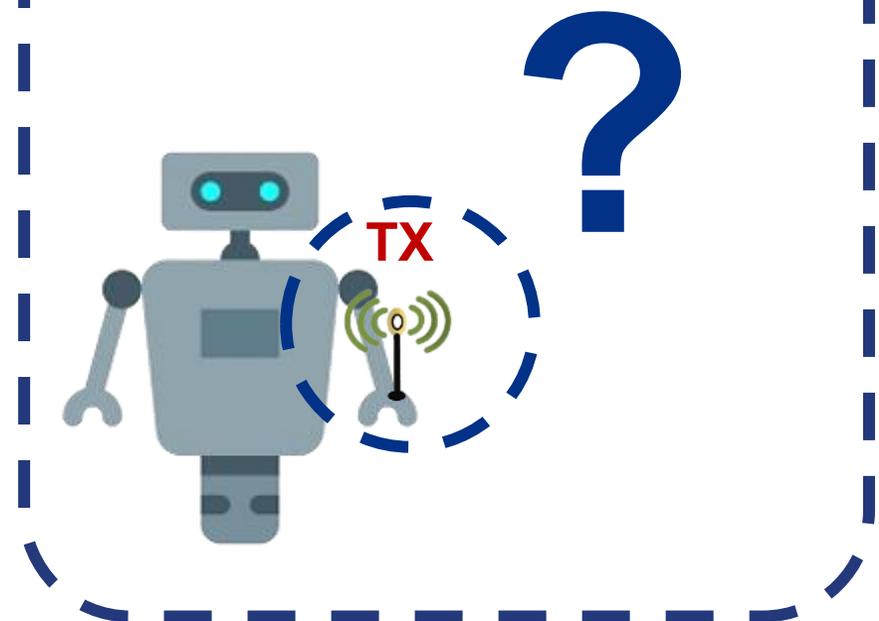
Infrastructure



Flashlight



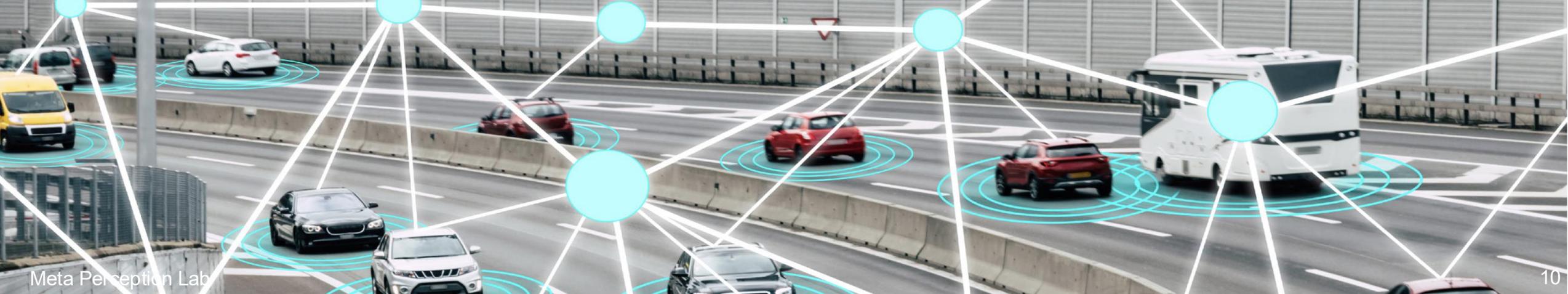
Wireless Perception



Can wireless perception
has its own "SUN" ?



The answer is YES



Join us!



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- **Ph.D.**, Computer Science, UMass Amherst, USA
- **B.E.**, Cyber Engineering, DLUT, PRC

We are always looking for motivated and prospective students at all levels, including **M.S., Ph.D.** and **undergraduate interns**.

If you think the idea is **cool**, please contact me via minhaocui@snu.ac.kr.



<https://minhaocui.github.io>