

BCI

Brain Computer Interface

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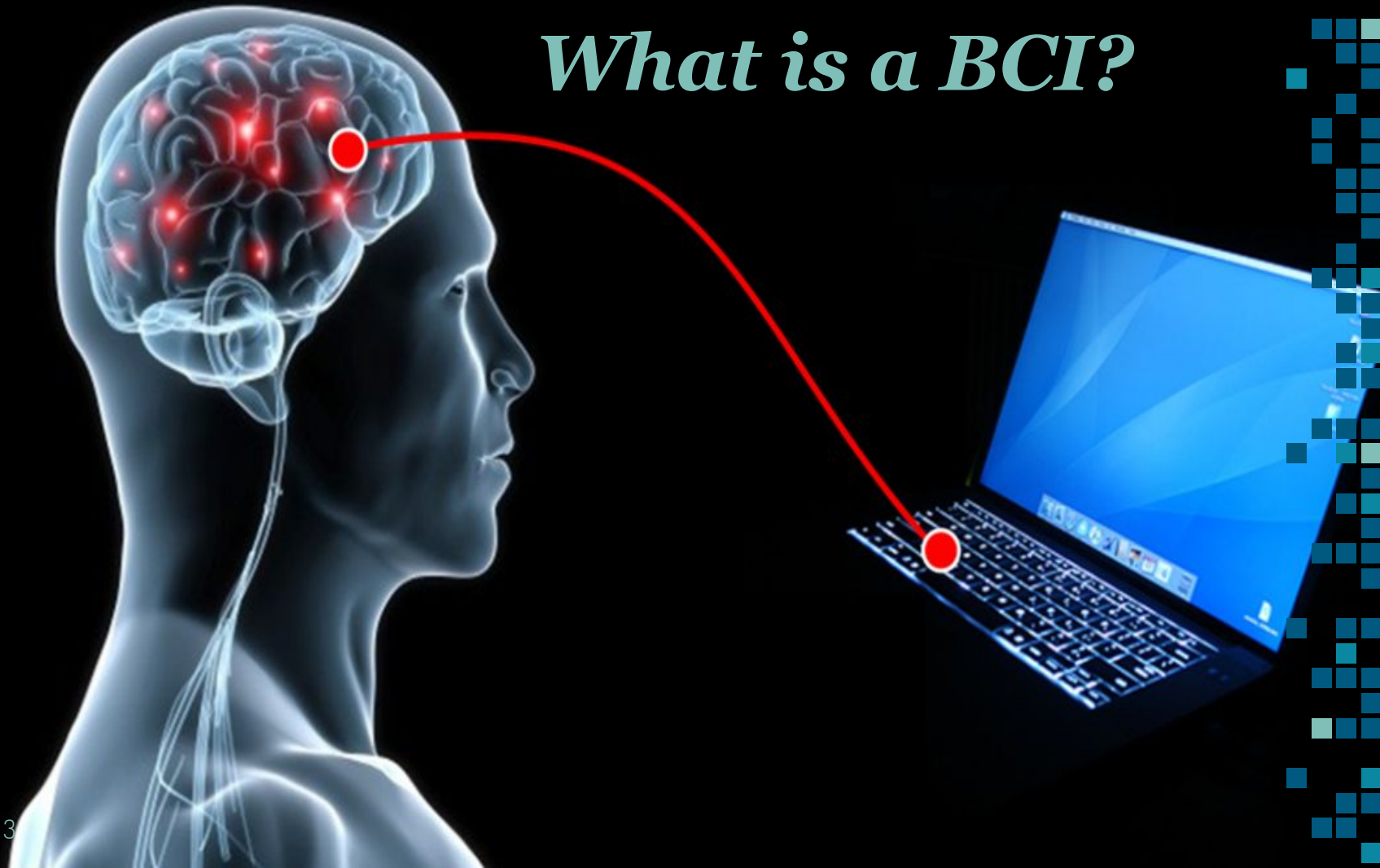


Introduction

- What is a BCI?
- How does a BCI work?
- Electroencephalography(EEG)
- Electrocorticography (ECoG)
- Neuralink



What is a BCI?

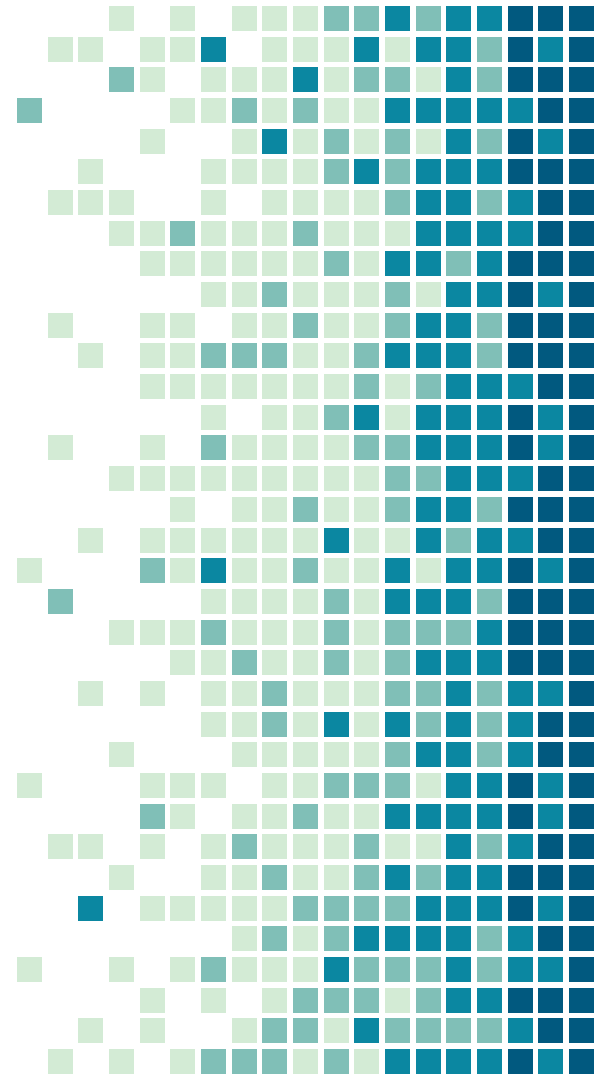
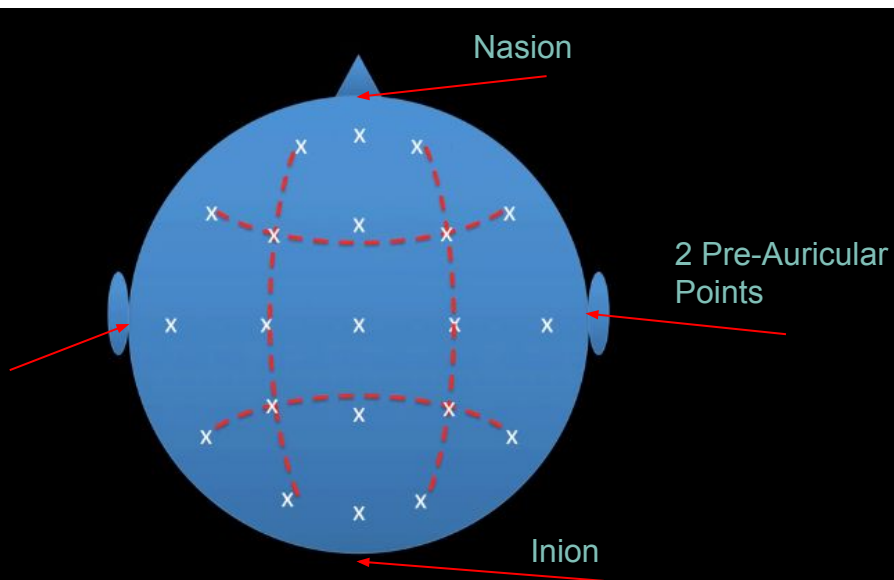


How does a BCI
work?

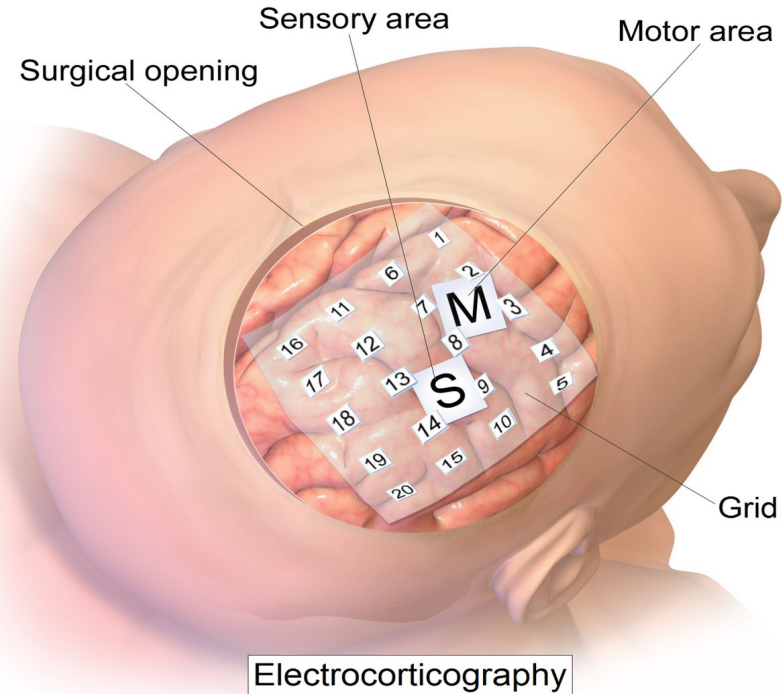


Electroencephalography- (EEG)

- Records electrical activity of the brain
- Non - Invasive
- Connected to the scalp
- International 10-20 System
- Montages



Electrocorticography (ECoG)



- Invasive Procedure
- Craniotomy
- Cortical Surface
- Greater Precision





Communication

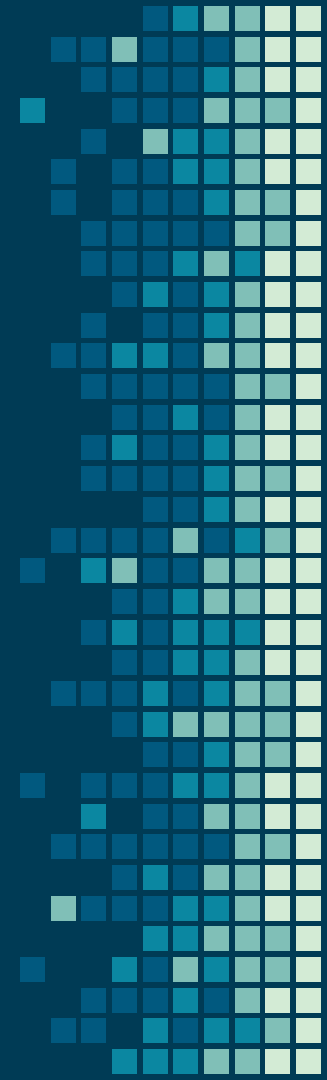
Search the Internet

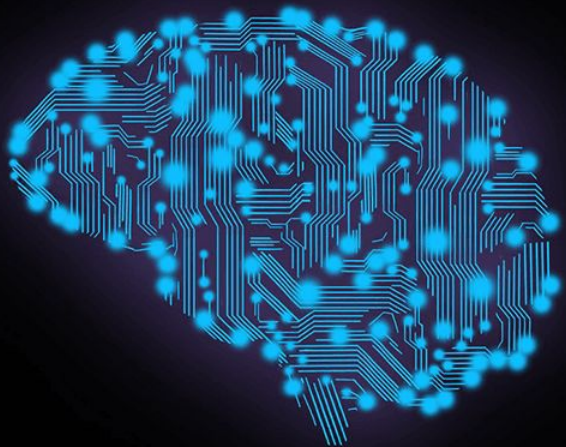
Uses of BCIs

Share Memories

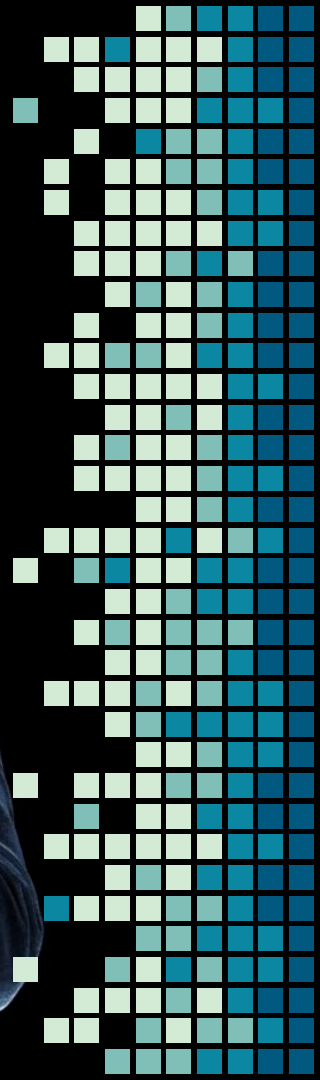
Help Disabled People

Entertainment





Neuralink





- Founded by Elon Musk & 8 others
- Specialised in implanted BCIs
- Treat Brain diseases
- Enhance Human Life

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*Will it be Worth
it?*

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*Thank You for
Listening!
Any Questions?*