





































- ERP (Event Related Potential)
- Anticipate an auditory, visual or somatosensory stimulus. About 300 ms after appearance of the stimulus a positive peak occurs over the parietal cortex
- 'Oddball' paradigm (high-probability vs low-probability events)
- E.g., faces vs non-faces



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INFORMATION FROM INTERACTION BEHAVIOR SOCIAL SIGNALS



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CONCLUSIONS

BCI APPLICATIONS

- Previously
 - Many 'applications' were one-trick only
 - Many applications assume disabled users
- Now and Future
 - Design interfaces that use input from various BCI markers
 - Embed BCI in Intelligent (AI) and Multimodal Interfaces
 - Develop Multi-Party and Multi-Brain applications
 - Develop BCI applications in 'natural' situations, including (face-to-face) Human-Human Interaction
 - Further development of BCI technology and commercial devices

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