

Our lab aims at investigating computational principles and underlying mechanisms implemented in the visual nervous system by utilizing neuroscience methodologies, and at creating the bio-morphic/-inspired/-applicable hardwares based on the knowledges from them. In addition, as a medical engineering application, we are making efforts to develop electronic device systems and novel neuro-interfaces for cerebral visual prostheses, through experimental evaluations on their usability and applicability

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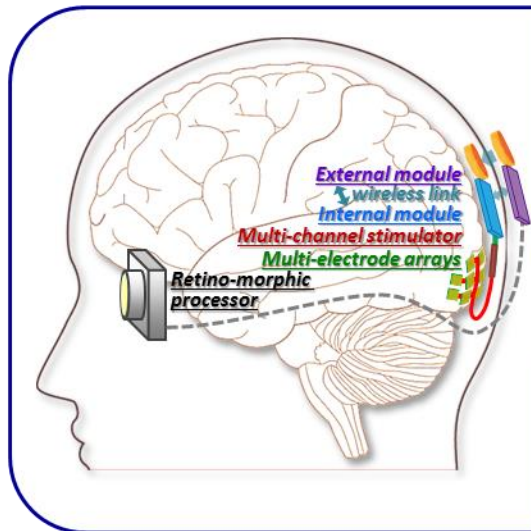
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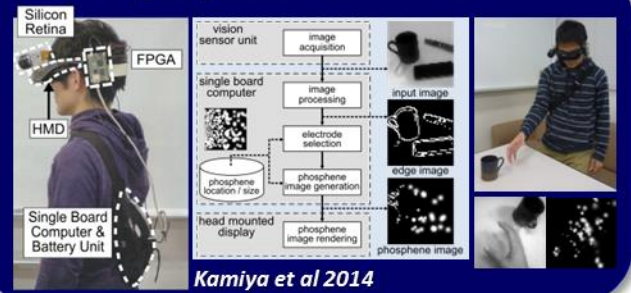


for 'Electronics-to-Life'  
Innovation

### Bio-morphic eye-vision system



### Wearable phosphene vision simulator



### Implantable electronic device system



### Novel non-metal neuro-electrode

