



# Active Groups and Companies in Visual Prosthesis



Presented by:  
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## **Abstract:**

When in 18th century Franklin, Cavallo, and Le Roy present their first ideas about electrically stimulating the human visual system, restoring the sense of sight to blind people was a dream. In 1751, Benjamin Franklin carried out stimulation experiments of the eye and in 1755 Le Roy achieved successful results in creating a visual sensation of light by passing an electrical charge through the eye of a blind man. In 1956, Tessicker was the first that patent a method to create a visual sensation for blind people by stimulating the retina. Since then many researchers have a lot of efforts to restore the sense of sight to blind people. Nowadays there are a large number of groups that are active in visual prosthesis projects. Even, with progressing in this field, the first commercial visual prosthesis, argus2, received marketing approval in 2011. Since one of the active projects in the Research Laboratory for Integrated Circuits and Systems (ICAS) is the visual prosthesis, the ICAS decides to have a presentation on active groups in the visual prosthesis.

**Date:**

25 April 2015

**Time:**

10:30 AM

**Location:**

Integrated Circuits and  
Systems Research Lab  
Faculty of Electrical  
Engineering