

# The Magic of Seeing

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## The Anatomy of the Eye and Its Impact on Aesthetics in Animation

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March 2024

The specialized session "The Magic of Seeing," featuring Ramteen Shahbazi and Babak Nokoei, delved deeply into the impact of eye anatomy on aesthetics and the art of animation. Held at the Institute for the Intellectual Development of Children and Young Adults, the session explored new concepts in visual physiology and its connection to visual arts.

On Monday, March 4, the session "The Magic of Seeing" was held at the conference hall of the Institute for the Intellectual Development of Children and Young Adults. Hosted by Ramteen Shahbazi and Babak Nokoei, renowned director and animator of Iranian cinema, the session focused on the anatomy of the eye and its impact on animation aesthetics.

Ramteen Shahbazi, at the beginning of the session, highlighted the importance of discussions related to aesthetics and animation. He spoke about new readings in the field of mind studies and physiology, noting that the impact of the eye on aesthetic perception is one of the key topics in this area today. He expressed hope to benefit from Babak Nokoei's perspectives to further develop this discussion.

Babak Nokoei, who has long been interested in visual physiology, shared, "The concept of animation relates to the knowledge of optics and the capabilities of the human eye. This ability not only shapes our identity and worldview but also affects how we experience visual arts."

Nokoei also discussed the profound influence of the human senses on visual perception and explained that the eye, as a visual tool, records images abstractly. Based on this information, humans define the world. He referred to the eye's impact on visual arts, particularly in ancient sculptures, as examples of the historical importance of the eye.

Continuing, Nokoei addressed topics like saccadic eye movements and fixation, which are critical in the creation of animation. He explained that human eye movements are constantly in a state of saccade and fixation, which in turn affects visual perception and aesthetics.

The session concluded with a discussion on image composition and brain analyses in relation to visual perception. Nokoei emphasized that aesthetics only matures when the

brain has the ability to analyze visual complexities and the eye can engage in this process.