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Your Target Call

HORIZON-CL4-2027-04-HUMAN-01 Advanced and Innovative hardware components for Virtual Worlds (RIA) (Virtual Worlds Partnership)

Your Expected Contribution to the Project / Consortium

1. Role: Participant
2. Expertise
 - Electrical engineering and Vision science
 - Display devices & systems
 - Low-power technologies
3. Research approach
 - System optimization based on human visual perception
4. Resources
 - Subjective experimental environment and setup using VR headset
 - Subjective experimental setup emulating AR glasses environment

Biography

1995.03-2000.02 Ph.D, Dept. of Electrical Engineering, KAIST
2000.02-2006.06 Senior engineer, Advanced Development Team, LCD Business, Samsung Electronics
2015.09-present Professor, Dept. of Information Display, Kyung Hee University
2006.03-2015.08 Assistant/Associate Professor

Research Areas / Expertise

1. Main research area
 - Display electronics
 - Vision science
2. Distinctive technology
 - Power optimization of VR headset based on human visual perception

Motivation, Expectation and Plan

1. Motivation

- I wanted to extend my network into the entire Europe through the event

2. Goals

- I want to find a good consortium to get a HE programme.

3. Plans

- Once I join a consortium, I will gather more appropriate partners.

- I will actively prepare joint proposal.