

## Invited Talk

### The Future of Special Video Applications

Katsuhisa Ogawa

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Breakthroughs in video application technology occur when the performance of input/output equipment evolves dramatically. Furthermore, these breakthroughs are further refined by the application of AI. This presentation will explore new video applications that have been created by the use of high-performance input/output equipment and AI. Breakthroughs in video application technology occur when the performance of input/output equipment evolves dramatically. Furthermore, these breakthroughs are further refined by the application of AI. This presentation will explore new video applications that have been created by the use of high-performance input/output equipment and AI.



**Biograph:** Katsuhisa Ogawa received the B.E. degree in 1984 from Hokkaido University of industry., Sapporo, Japan. He was an LSI designer with the National Semiconductor Japan, Tokyo, from 1984 to 1986. From Apr. 1986 to Dec. 2020, he was a research fellow and a R&D Manager with CANON, Tokyo, Japan. He is currently a visiting professor with the Department of Photography, Osaka University of Arts, a visiting fellow with the Center for Tourism Research, Wakayama University and a graduate student with the Graduate School of Information Science and Engineering, Ritsumeikan University, Japan. His research interests include special video expression, high resolution image application, promotion of inbound tourism and regional revitalization using Japanese culture. He has received JIA2014 Best Technology Award, IITE2019 Excellent Presentation Award, IIEE2019 Excellent Research Award, IITE2021 Best Paper Award for his work on “Ultra-high resolution CMOS camera system.” He has received the Best Picture Award for his work on Tourist attraction animation “Jun” from Japan Association of Audiovisual Producers in 2022.