

AR/VR/MR機器の技術と関連部材【第二弾】

～Apple Vision Proが示すデバイスと材料の発展方向～

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「本格的な拡がりが見えてこない…」といったため息も聞こえ始めていたXR(AR/VR/MR)技術だが、開発の現場ではAIを組み合わせたハードウェア、ソフトウェアの技術に注目が集まっており、この動きに合わせてその他の光学系の開発の進展への期待も再び膨らみ始めている。

6月にApple社は、XR技術という言葉を使わずに『空間コンピューティング』という言葉でApple Vision Pro(以下AVP)を発表したが、これは何を意味するのだろうか？

少しずつ明らかになってきたAVPの構成について予測を交えて紹介しつつ、第一弾よりも大幅にページ数を増やして、今後の材料開発の方向性について深掘りした。

.....切り取り線.....

<AR/VR/MR 機器の技術と関連部材>

～メタバースを支えるデバイスと材料の市場～

お申込み書

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- 2-2 SPIE AR|VR|MR Exhibition、1月@San Francisco
- 2-3 中国 ICDT 国際会議の併設展示会
- 2-4 Touch Taiwan 展示会、4月@Taipei
- 2-5 World Metaverse Ecology Expo、5月@広州
- 2-6 SID/Display Week 併設展示会、5月@Los Angeles
- 2-7 AWE (Augmented World Expo) USA、5月@Santa Crala
- 2-8 MWC (Mobile World Congress)上海、6月@上海
- 2-9 2023 年後半から 2024 年にかけてのイベント

第3章 2023 年前半の世界の会議で聴く XR の最新技術

- 3-1 SPIE Photonics West/AR|VR|MR、1月@San Francisco
- 3-2 ICDT 国際会議、3月@南京
- 3-3 Touch Taiwan 併設セミナー
- 3-4 SID(The Society for Information Display)国際会議
- 3-5 AWE USA Conference
- 3-6 その他、世界各地で開催されている会議やセミナーなど
- 3-7 2023 年後半から 2024 年にかけての会議、等

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Apple Vision Pro に盛り込まれた機能をさらに掘り下げて解説



R/VR に搭載される最先端ディスプレイデバイスの最新動向を紹介

Maker	IP	Product Name	Device	Resolution	Optical System	Optical Design	Manufacturing	Comments
Meta Quest	Meta Quest	Quest 3	Micro LED	4800x1600	Waveguide	In-house	In-house	
Apple	Apple Vision Pro	Vision Pro	Micro LED	2300x1600	Waveguide	In-house	In-house	
Microsoft	Microsoft HoloLens	HoloLens 2	Micro LED	2000x1500	Waveguide	In-house	In-house	
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