DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : LITD 23/T-25553   **Date : 10 May 2024**

TECHNICAL COMMITTEE : Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information, LITD 23

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information Sectional Committee, LITD 23. Please click here to view the document.

Document Number : LITD 23 (25553) WC
Title of the document : Information Technology Computer Graphics Image Processing and Environmental Data Representation Style Representation for Mixed and Augmented Reality
Document Type : New Indian Standard

This document has following salient features which may require specific attention for your valuable comments:

1) Mixed and augmented reality (MAR) refers to a spatially coordinated combination of media/information components that represent, on the one hand the real world and its objects and on the other hand those that are virtual, synthetic and computer generated. MAR as an information medium strives to provide rich experience based on realism, presence and augmentation [ISO/IEC 18039]
2) This document describes a set of information constructs for stylizing the MAR content and its objects. ISO/IEC 3721 specifies the MAR scene with the core objects and their attributes [ISO/IEC 3721] This document further refines ISO/IEC 3721 similarly to how CSS (Cascading Style Sheets)[2] augments HTML-5 (Hyper Text Markup Language)[1] for web document stylization. Among the various core MAR content objects defined in ISO/IEC 3721, virtual objects that augment real world objects may be subject to further stylization. Stylization refers to the act of making certain information follow a particular form for various purposes. As MAR contents become more widespread and sophisticated, there is an increasing need for its stylization and its separation from the core content for its efficient specification. The augmentation style can affect the whole MAR experience in terms of its naturalness (how harmonious objects appear in relation to the real world into which they are inserted),

Please examine the document and share your comments regarding further improvement in the document.

Last date for sharing the comments is : 09 July 2024

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at litd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

Yours faithfully,
(REENA GARG)
Head (Electronics and Information Technology Department)
Email: litd@bis.gov.in

व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : LITD 23/T-25553   दिनांक : 10-05-2024

तकनीकी समिति : Coding and Processing Of Audio, Picture, Multimedia and Hypermedia Information Sectional Committee, LITD 23

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : LITD 23 (25553) WC
शीर्षक :

कृपया इस/इन मानक(को)/संसोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि : 09 July 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

                                                                भवदीय/भवदिया,
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