

Best Paper Award | Preisträger

»Impact on Business«

Le Moan, Steven (School of Engineering and Advanced Technology, New Zealand)

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An observer-metamerism sensitivity index for electronic displays

2017. Journal of the Society for Information Display, 25(9), pp.554-560

Best Paper Award | Contribution

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- ▶ The recent ITU-R Rec. 2020 standard for ultra-high definition television recommends RGB primaries that are coincident with the spectrum locus.
- ▶ Unfortunately, this might lead to an increased variability of color perception across a range of observers (observer metamerism OM).
- ▶ This outstanding paper presents a new approach to predict the extent of OM for a particular multiprimary display that depends only on the display primaries and is significantly faster to compute than existing indices which is of special interest for the design of future display systems.

