

adjusting and optimize a given system. Finally, it enables controlling the accuracy and consistency of imaging systems over time, and it is therefore also an important tool in any quality assurance program.

The image quality metrics are likely to change over time as new imaging systems, analysis methods and test chart patterns are developed, which will also affect the specification of aims and tolerances.

ISO 19264 is currently a committee draft circulated among TC42 for comments and ballot. In this process, as well as in future revisions, it is possible to get involved through national standardization organizations. ISO 19262, the accompanying vocabulary for archival imaging, has already been published. ISO 19264 is expected to be published in 2016 together with ISO 19263 a technical report on best practices for image quality analysis.

Hopefully these documents will lead to a unified image quality analysis method, and help the cultural heritage community and other stakeholders involved in imaging for archival purposes, to specify image quality requirements, and to improve and control the overall image quality of reproduction images.

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Author Biography

Dietmar Wueller studied photographic technology at the Cologne University of applied sciences. He is the founder of Image Engineering, an independent test lab that tests cameras for several photographic and computer magazines as well as for manufacturers. Over the past 20 years the company has also developed to one of the world's leading suppliers of test equipment. Dietmar Wueller is the German chair of the DIN standardization committee for photographic equipment and also active in ISO, the IEEE CPIQ (Cellphone Image Quality) group, and other standardization activities.

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