

## JPEG XS – Lightweight compression

In a world of ever-increasing video bandwidth requirements, video compression is needed to transport next-generation video streams on existing infrastructures. The JPEG XS standard (ISO/IEC 21122) enables low-latency lightweight image and video compression. Moreover, this standard has recently been extended to support the compression of RAW Bayer data coming directly from an image sensor. In this talk, the benefits of compressing image sensor data are discussed and compared with traditional image processing workflows. The key features of the JPEG XS codec and its RAW profile are presented. Finally, the benefits that JPEG XS can bring as an open ISO standard to improve the workflows are introduced.