



November/December 2018

SMPTE **Motion** **Imaging** *Journal*

*Covering emerging technologies
in film, broadcast, and
the connected media ecosystem*



NEW TECHNOLOGIES AND TECHNIQUES

Inside...

- ▶ Realtime Measurement of Ultrahigh-Definition Camera Modulation Transfer Function
- ▶ Programmable Data Plane for Professional Media Networking
- ▶ Media Orchestration Between Streams and Devices via New MPEG Timed Metadata
- ▶ *ARnold*: A Mixed Reality Short Film Using Microsoft HoloLens
- ▶ The Immersive Experience Classification System:
A New Strategic Decision-Making Tool for Content Creators

Online...

- ▶ Single-Sensor Video Cameras and the TLCI-2012
- ▶ Cost Increase Due to UHD Video Broadcasting Compared to HD