**INTERNATIONAL ORGANISATION FOR STANDARDISATION**

**ORGANISATION INTERNATIONALE DE NORMALISATION**

**ISO/IEC JTC1/SC29/WG11**

**CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC1/SC29/WG11 N15132**

**February 2015, Geneva, Switzerland**

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| **Source** | **Video Subgroup** |
| **Status** | **Approved** |
| **Title** | **Announcement of CDVS Awareness Event** |



Event Description

Recent advances in computer vision techniques have made large-scale visual search applications a reality, but have also highlighted industry's need for a standardized solution ensuring interoperability of devices and applications. MPEG, well known for its multimedia coding and representation standards, responded to this need by developing a new standard in this space, *Compact Descriptors for Visual Search* (MPEG-7 CDVS). The CDVS standard specifies high-performance, low-complexity, compact descriptors from still images, enabling deployment in low-power handheld devices, transmission over congested networks, and the interoperable design of large-scale visual search applications.

The purpose of this event is to present CDVS and demonstrate its deployment in a range of applications, from mobile visual search to video content management in broadcasting. The event is targeted to a wide audience and will be of particular interest to developers of visual search applications, multimedia device and sensor manufacturers, multimedia content creators and broadcasters.

Date & Venue

Wednesday 24th June 2015, 14:00 – 18:00 (during 112th MPEG Meeting)

Marriott Hotel, Aleje Jerozolimskie 65/79 - 00697 Warsaw, Poland

Registration

The event is open to the public and free of charge. To register (for logistical purposes only), please send an email to cdvsevent@mpeg7.net

Preliminary Programme

Presentations (14:00 – 15:45)

**14:00 – 14:10 Opening remarks** Dr. Stavros Paschalakis (Visual Atoms)

**14:10 – 14:40 CDVS vision, applications and opportunities** Prof. Miroslaw Bober (University of Surrey)

**14:40 – 15:10 CDVS standard, technologies and resources** Mr. Gianluca Francini (Telecom Italia)

**15:10 – 15:45 CDVS demonstration introductions** Demonstrators

Demonstrations (15:45 – 18:00)

**Authoring for second screen applications using CDVS** BRIDGET (EC FP7) Consortium

**CDVS in media postproduction applications** RAI

**CDVS on mobile GPUs**  Telecom Italia / Polytechnic University of Turin

**Mobile visual search apps using CDVS**  Peking University

**Visual scene classification using CDVS** University of Surrey / Visual Atoms

**Where have I been in Warsaw?** TNO

**CDVS for smart factory**  University of Brescia

Organizing Committee

General Chair Dr. Stavros Paschalakis (Visual Atoms)

Programme Presentations Chair Prof. Miroslaw Bober (University of Surrey)

Programme Demonstrations Chair Mr. Gianluca Francini (Telecom Italia)

For all enquiries please send an email to cdvsevent@mpeg7.net