



**INTERNATIONAL  
COLOR CONSORTIUM**

# **ICC Colour Symposium**

**November 3, 2025**

**Hong Kong**



## ICC Mission Statement

*Create, promote and encourage evolution of an  
**open, vendor-neutral, cross-platform** colour  
management system architecture and components*





## **Founding Members**

**Adobe Systems Incorporated**

**Agfa-Gevaert N.V.**

**Apple Computer, Inc.**

**Eastman Kodak Company**

**FOGRA-Institute (Honorary)**

**Microsoft Corporation**

**Silicon Graphics Inc.**

**Sun Microsystems, Inc.**

**Taligent, Inc.**





# Today's ICC

**55 international members**

**11 Steering Committee meetings per year**

**Regular ICC events in multiple countries**

**3 full meetings per year on 3 different continents**

**1 organization supporting industrial colour interchange standards.**

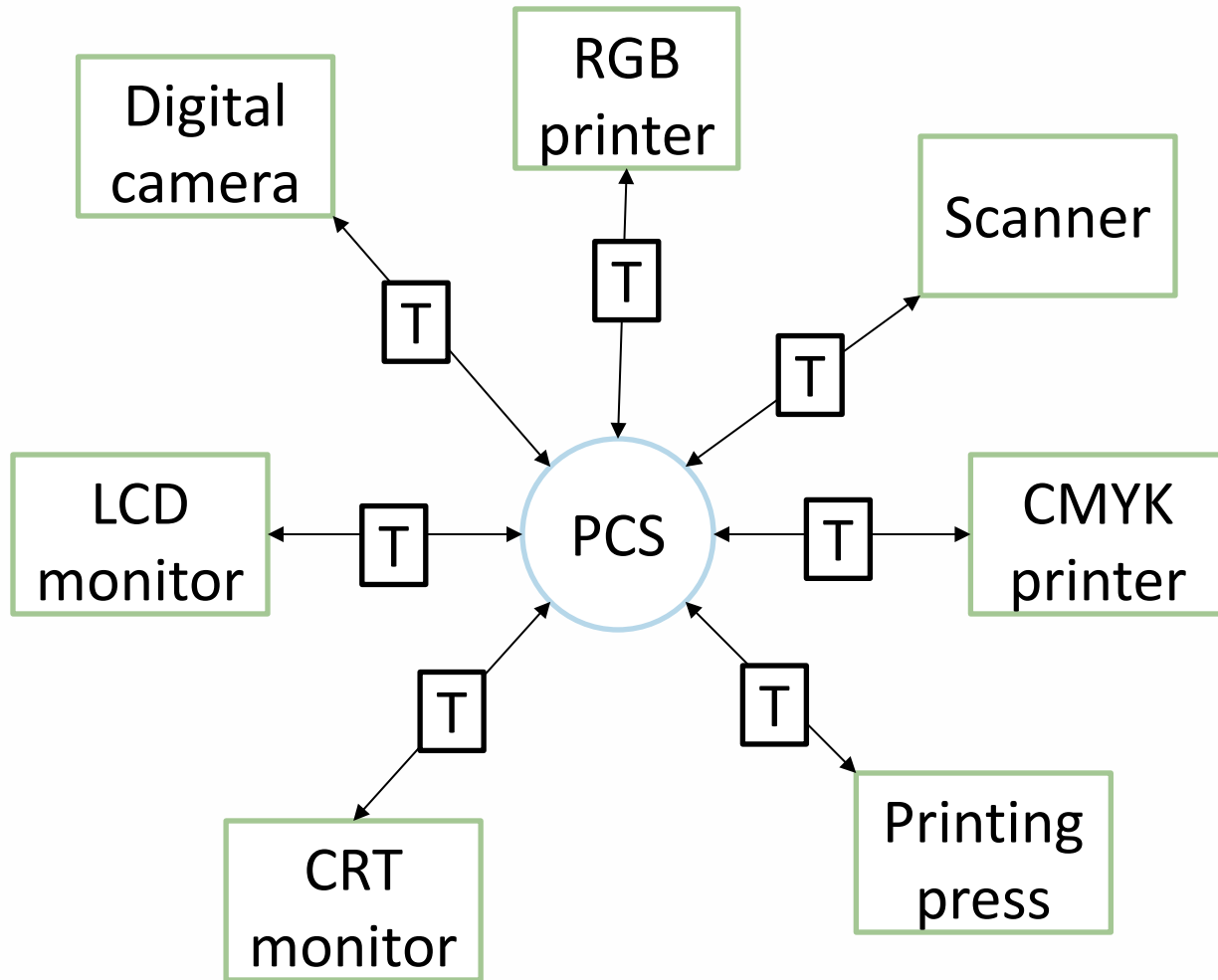




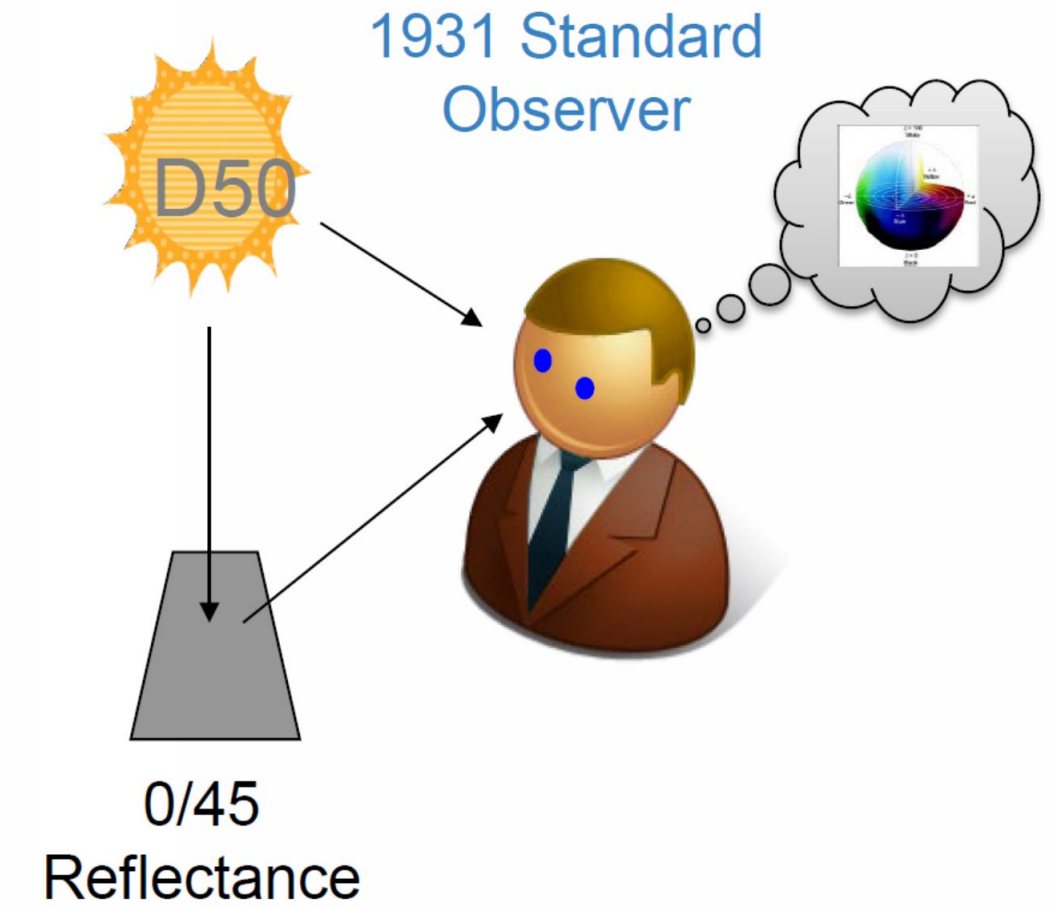
# Join ICC!

- **Active work areas:**
  - Packaging & Graphic Arts
  - Display
  - Architecture
  - HDR
- **Network**
  - Active companies
  - Colour scientists
- **Look ahead:**
  - Confluence of standards organizations





ICC v4 only partially addresses the questions  
"What does it look like?"  
"What is it?"





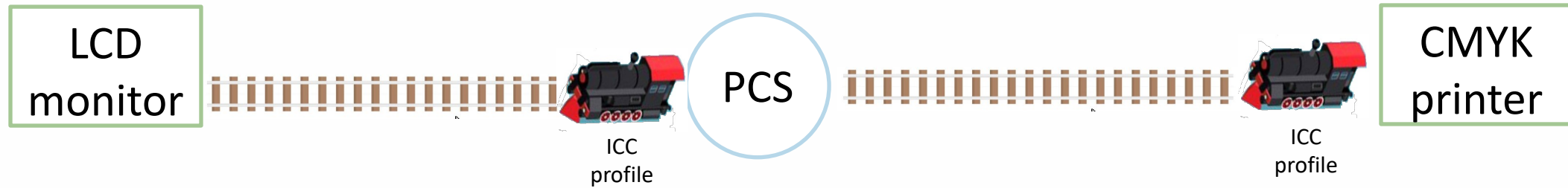
# Challenges

- **HDR colors are not easily addressed by SDR profile connection space**
- **Various HDR tone mapping operations are not supported**
- **No colour management workflow accounts for individual color matching functions**
  - Causes problems for soft proofing





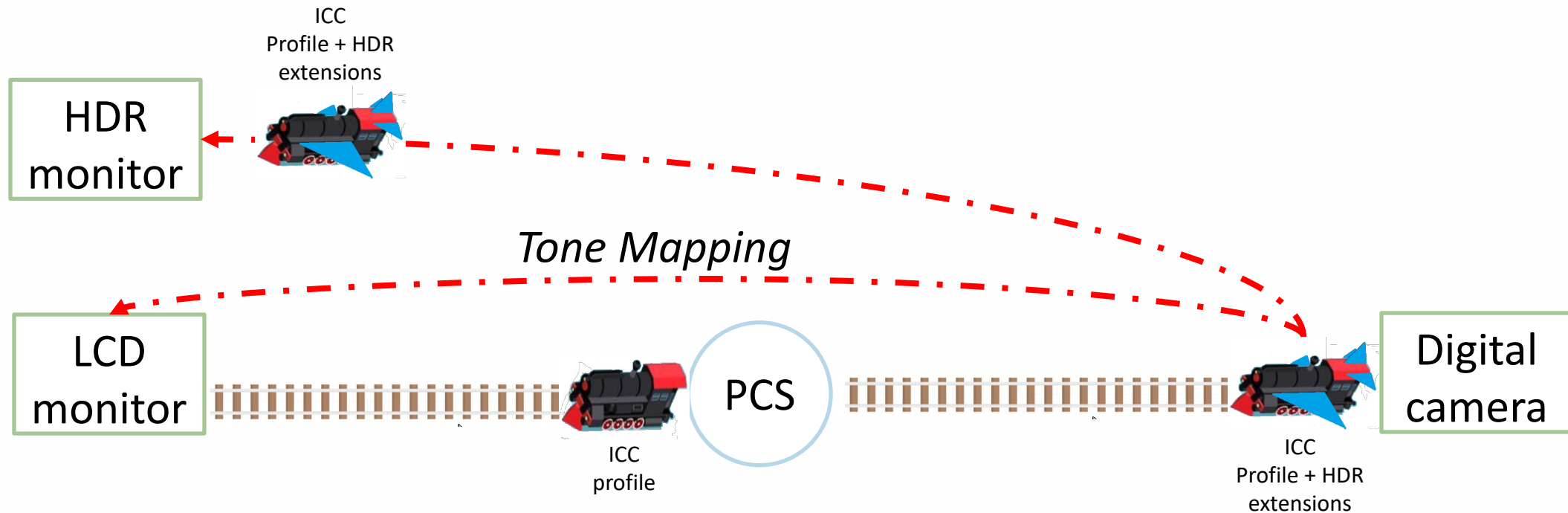
# Basic ICC workflow



Color management is SDR and based on D50 with Standard 1931 observer



# ICC HDR workflows



HDR-enabled profiles are ICC profiles with additional information that is used for HDR processing.  
Backwards compatibility is ensured with existing ICC profile systems.  
Requires system changes to support HDR workflows.



# Today's Agenda

What is HDR	Timo Kunkel, Dolby Inc.
HDR photography and HDR video	Nicolas Bonnier, Apple
HDR and ICC	Luke Wallis, Apple
<b>Break</b>	<b>15 Minutes</b>
Current CIE work on HDR	Mekides Abebe, RIT
Current Plans for HDR in PDF	Dietrich von Seggern, Callas Software
Characterizing backlit media: and HDR print application	Dorin Pitigoi, Colour and standardization expert
Improving soft proofing performance with observer-specific colour matching functions	Chris Bai, BenQ
<b>Lunch</b>	<b>12:45pm – 2:30pm</b>