

# Profile Assessment Working Group

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Chiba University**

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Hewlett-Packard  
Chair, Profile Assessment Working Group**

# Profile Assessment WG Charter

- **The mission of the PAWG is to seek methods for assessing the quality of ICC profiles**
- **Objectives:**
  - Define a set of quality attributes for ICC profiles
  - Identify analytical methods for defining and investigating performance capabilities of valid ICC profiles (profiles that conform to the ICC spec)
  - Investigate metrics that might quantify or qualify performance characteristics
  - Recommend promising solutions to the ICC body for their consideration
  - Develop evaluation methods for ICC profiles

# Current PAWG topics

- Develop methods for evaluating the quality of color transformations in ICC v4 profiles
  - Perceptual Rendering Intent
    - Use of the PRMG
    - Invertability of AtoBo and BtoA0 tag
    - Smoothness
  - Colorimetric rendering intent
    - How to evaluate accuracy
- Communicate those methods to industry
  - White papers
- Communicate advantages of ICC v4 versus ICC v2 profiles and how to use them

# Previous activities

- **Organized 2 sessions where we invited ICC members to provide ICC v4 profiles, software applications, RIPs and Operating Systems and where we tested the validity of ICC v4 profiles**
- **Provided ICC v4 example profiles via our web page**

# Thank you

If you are interested in participating in the PAWG  
please contact [ingeborg.tastl@hp.com](mailto:ingeborg.tastl@hp.com),  
or the ICC secretary [ksmythe@npes.org](mailto:ksmythe@npes.org)