Profile Assessment Working Group

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Chiba University

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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, or the ICC secretary ksmythe@npes.org