

# CIE Division 8 Technical Committee 8-03: Gamut Mapping

*Progress Report No. 1 - 4th Quarter 1998*

## 1 List of Members

*Ján Morovic* - chairman (Colour & Imaging Institute, UK)  
*Gus Braun* (Rochester Institute of Technology, USA)  
*Fritz Ebner* (Xerox, USA)  
*Mark D. Fairchild* (Rochester Institute of Technology, USA)  
*Patrick Herzog* (RWTH, Germany)  
*Tony Johnson* (UK)  
*Naoya Katoh* (Sony, Japan)  
*M. Ronnier Luo* (Colour & Imaging Institute, UK)  
*Marc Mahy* (Agfa, Belgium)  
*Gabriel Marcu* (Apple, USA)  
*John McCann* (USA)  
*Ethan Montag* (Rochester Institute of Technology, USA)  
*Hidetoto Motomura* (Rochester Institute of Technology, USA)  
*Todd Newman* (Canon Information Systems, USA)  
*Geoff J. Woolfe* (Kodak, USA)

## 2 Current revision of time table/plan of work

### 2.1 Work Programme

- Review current gamut mapping algorithms and algorithms for calculating gamut boundaries.
- Provide guidelines for the evaluation of gamut mapping algorithms.
- Review results of gamut mapping algorithm evaluation done according to guidelines.
- Recommend a standard gamut mapping algorithm or a small number of algorithms and rules for deciding when each of them is to be used.

### 2.2 Timetable

|                    |         |
|--------------------|---------|
| Survey             | 02/1998 |
| Guidelines         | 07/1999 |
| Review results     | 02/2000 |
| Write final report | 06/2000 |

## 3 Progress since last report

- Recruitment of members to technical committee.
- Informal meeting of TC during IS&T/SID 6<sup>th</sup> Color Imaging Conference in Scottsdale, Arizona on 18 November 1998.
- First draft of gamut mapping completed.
- Construction of web page.
- Review of survey by TC members in progress.

## 4 Plans for next quarter

- Complete survey of gamut mapping algorithms and include classification scheme.
- Start working on guidelines for the evaluation of gamut mapping algorithms.