

La Plaine Saint-Denis, 2 May 2019

Object: 4th Progress meeting of JRP BiRD (Bidirectional Reflectance Definitions)
 Site: CNAM, 61 rue du Landy, 93210 La Plaine St Denis, France

AGENDA

Tuesday May 21th

9:00 Registration

9:30 Opening of the meeting

Welcome at CNAM (10 min)
 Attendees' introduction (10 min)
 BiRD and meeting aims (10 min)

10:00 WP1 – Measurement of BRDF A. Schirmacher

A. Schirmacher Objectives & progresses in WP1 (15 min)
 G. Obein CIE TC2-85 : Where are we? What should we do before June ? (15 min)
 A. Rabal Effect of shape of illuminated area & beam homogeneity on BRDF (15 min)

10:45 – 11:15 Short Break

11:15 Discussion (lead : G. Obein): Effect of solid angle on BRDF measurements(40 min)

For glossy samples with input data from CNAM (A1.2.1)
 For sparkle samples with input data from CSIC (A1.2.2)
 For interferometric goniochromatic samples with input data from CMI (A1.2.3)
 For diffractive goniochromatic samples with input data from Aalto (A1.2.4)

11:55 Discussion (lead : F. Manoocheri) Effect of measurement size area on BRDF measurements...(40 min)

For glossy samples with input data from CNAM (A1.3.1)
 For sparkle samples with input data from CSIC (A1.3.2)
 For interferometric goniochromatic samples with input data from CMI (A1.3.3)
 For diffractive goniochromatic samples with input data from Aalto (A1.3.4)

12:35 – 14:00 Lunch

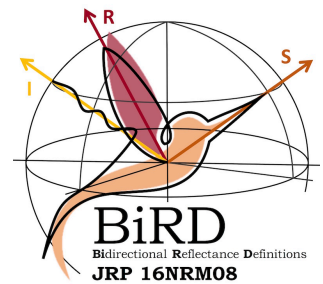
14:00 WP2 – BRDF data handling and visualization..... E. Perales

E. Perales Objectives & progresses in WP2 (10 min)
 D. Lanevski Progress on the open source visualisation Applet & feedback from users..... (30 min)
 D. Lanevski Linking BiRD proposal for exchange data structure with XML..... (20 min)
 E. Perales Discussion / Decision on action at TC4-50 (30 min)

15:30 – 16:00 Short Break

16:00 WP5 – Creating Impact.....M. Smid

A. Rossi Visit of the website, discussion and proposals (15 min)
 M. Silva Midterm evaluation and impact of BiRD (15 min)
 E. Perales Workshop on visual appearance of materials (A5.2.1) (5 min)
 A. Ferrero Workshop on Sparkle (A5.2.3) (5 min)



M. Smid	CIE symposium on visual perception & short courses (A.5.2.4).....	(10 min)
M. Smid	Proposal & Discussion on actions for impact.....	(10 min)
17:05	WP6 – Management and coordination.....	G. Obein
G. Obein	Feedback on the mid-term review.....	(10 min)
G. Obein	Discussion on future / side projects.....	(15 min)
17:30	Redefinition of the SI	A. Koo
A. Koo	On the measurement of Boltzmann’s constant	(15 min)
G. Obein	Visit of Laurent Pitre’s lab	(15 min)

End of Day 1 (18:00 h)

Evening : Short walk in Paris. Diner in the 20th district, restaurant “L'Illiadé” for a full diner (40€/person).

Wednesday May 22th

08:30 Assemble for Day 2 - Coffee

09:00	WP4 – Measurement of sparkle and graininess	A. Ferrero
A. Ferrero	Presentation & objectives of WP4	(10 min)
A. Schirmacher	Observations / open questions.....	(10 min)
N. Basic	On the "port reflection" issue in graininess measurements	(15 min)
A. Ferrero	Comparison of NMI's sparkle and graininess measurements.....	(20 min)
E. Perales	Visual experiment on graininess. Design of sparkle's visual experiment.....	(30 min)
A. Ferrero	MDS analysis on graininess visual data	(15 min)
A. Ferrero	Discussion	(20 min)

10:50 – 11:20 Coffee break

11:20	WP3 – Measurement of gloss	F. Leloup
F. Leloup	Objectives & progresses in WP3	(10 min)
F. Leloup	Simulations of gloss meter measurements with input data from ConDOR.....	(15 min)
F. Leloup	Actions engaged with CIE about Gloss.....	(15 min)

12:00 End of meeting