

2st progress meeting of xDDiff

AGENDA

Place :

Physikalisch Technische Bundesanstalt
Bundesallee 100, Braunschweig, Germany ([map](#))
Viewegbau, R. 234

Wednesday, December 3rd 2025

8:45 Opening of the meeting room & virtual room

9:00 Opening of the meeting G. Obein

S. Kück	Welcome at PTB.....	10 min
G. Obein	Review of agenda / meeting aims	5 min
All	Attendees' introduction	15 min

9:30 WP5 – Development of samples S. Källberg

S. Källberg	Overview of the samples in xDDiff	15 min
S. Källberg	Presentation of the sample FAIR file and how to use it	15 min

10:00 WP1 – Camera Based Goniospectrophotometry N. Basic

N. Basic	Objective and structure of WP1	5 min
N. Basic	Camera-based goniospectrophotometry on anisotropic surfaces.....	10 min
L. Gevaux	Camera-based goniospectrophotometry on non-flat surfaces	10 min
G. Porrovecchio	Camera-based goniospectrophotometry on functional surfaces.....	10 min

☕ Group Photo & coffee 📷 (10:35 — 11:00) ☕

A. Galbrun	Camera-based BSSRDF measurements at CNAM	10 min
P. Santafé	Camera-based goniospectrophotometry on translucent materials.....	10 min
S. Jensen	Hyperspectral camera-based solution developed at DFM	10 min

11:30 WP2 – Modelling of BRDF, BTDF and BSSRDF for industrial applications..... R. Pacanowski

R. Pacanowski	Overview of WP2	5 min
J. Marco	Benchmark of analytical geometrical BRDF Models	15+5 min
P. Mézieres	Benchmark of a hybrid microfacet-diffraction BRDF Model	10+5 min
	Interpolation Methods for sparse BRDF measurements	
F. Lefaucher	Methodologies to extract intrinsic optical parameters from measurements	15+5 min

☕ Lunch (12:30 – 14:00) ☕

A. Ferrero	Identification of required properties of materials to be evaluated by the radiometric-quantities-based metrics.	10+5 min
R. Pacanowski	Next steps regarding models and simulations	5 min

14:20 WP3 – Development of measurement scales for translucency and mattness A. Ferrero

A. Ferrero	Objective and structure of WP3	10 min
A. Ferrero	BRDF measurements on matt samples at CSIC	5 min
O. Bakir	BRDF measurements on matt samples at TUBITAK	10 min
E. Perales	Visual experiments on matt samples at UA.....	10 min
P. Santafé	BTDF measurements of translucent samples at CSIC.....	10 min
N. Slembrouck	Visual experiments on translucent samples at KU Leuven.....	10 min

15:20 WP4 – Pending metrological matters in bidirectional spectrophotometry T. Quast

T. Quast	Overview of WP 4 Pending metrological matters in bidirectional spectrophotometry.....	5 min
S. Källberg	Transmittance haze.....	15 min
K. Morvan	Multiscale traceability of BRDF measurements	15 min

☕☕ Tea (15h55 — 16h20) ☕☕

L. Gevaux	New route for specular gloss measurement	15 min
J. Fu	Measurement of transmittance of samples with strong lateral scattering	15 min
T. Quast	Summary and discussion	10 min

17:00 WP7 — Project management G. Obein

G. Obein	After xDDiff	10 min
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☕☕ break (17h20 — 19h30) ☕☕

19:30 WP0 - Collective intelligence & complex problems solving T. Quast

19:30	Drinks	90 mn
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20:00	Diner	yz mn
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Restaurant : xxxx

Thursday, December 4th 2025

9:30 Opening of the meeting room

9:30 WP6 – Creating impact G. Porrovecchio

M. Smid	Website.....	10 min
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L. Gevaux	YouTube channel.....	10 min
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G. Porrovecchio	Articles (peer reviewed & proceedings).....	10 min
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G. Porrovecchio	Workshops.....	10 min
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G. Porrovecchio	Dissemination, communication & Exploitation plan	10 min
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G. Obein	Next progress meetings.....	10 min
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☕☕ Coffee (10h30 — 11h) ☕☕

11:00 WP7 – Project Management (for consortium members only) G. Obein

S. Källberg	Data Management Plan	20 min
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G. Obein	Progress on deliverables	20 min
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Consortium	Discussion	20 min
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12:00 End of meeting