

Session 3: Straylight (9/10 November 2023)

Chair

R.Berlich

Day 4 - Thursday 9 November 2023 - Straylight					
Start	Stop	Title	Speaker	Affiliation	
14:00	14:10	Introduction Straylight Topic			
Session #3-1 - Straylight characterisation			Session Chairs: Pierre Etcheto, Sven Schröder		
14:10	14:30	Light scattering metrology for optical surfaces from the UV to the IR spectral region	Tobias Herffurth	Fraunhofer IOF	
14:30	14:50	Black Coatings BSDF Database and straylight measurement capabilities of the OOEL	Thijs Arts	ESA - ESTEC	
14:50	15:10	Spatially resolved metrology of scattered light to quantify straylight induced by localized defects	Myriam Zerrad	Institut Fresnel	
15:10	15:40	Coffee break			
15:40	16:00	A general method for the measurement of coherent stray light in optical systems and application to complex interferometers	Michel Lintz	Observatoire de la Côte d'Azur	
16:00	16:20	Stray light characterization with the ultrafast time-of-flight (ToF) method	Lionel Clermont	Centre Spatial de Liège	
16:20	16:40	White light interferometry for efficient stray light characterisation using a pre-disperser to improve dynamic range	Bart Speet	TNO	
16:40	17:00	Break			
Session #3-2 - Straylight modelling			Session Chairs: René Berlich, Thierry Viard		
17:00	17:20	Stray-Light Modelling for Ruled Gratings used in Broad-Band Hyperspectral Spectrometers	Gregory P. Lousberg	AMOS	
17:20	17:40	Analysis and simulation of stochastic and deterministic light scattering from diffraction gratings	Martin Heusinger	Fraunhofer IOF	
17:40	18:00	METimage instrument: Straylight generated by surface imperfections	Gabriel Pellegrini	Airbus	
Session #3-3		Poster session			
18:00	19:30	Poster session and reception			