Non-contact spectroscopic age determination of bloodstains
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PUBLICATION LIST

Forensic Quest for Age Determination of Bloodstains, A Review.
Rolf H Bremmer, Karla G de Bruin, Martin JC van Gemert, Ton G van Leeuwen
and Maurice CG Aalders

Age estimation of bloodstains by hemoglobin derivative determination using
reflectance spectroscopy.
Rolf H Bremmer, Annemarie Nadort, Martin JC van Gemert, Ton G van Leeuwen
and Maurice CG Aalders

Remote Spectroscopic Identification of bloodstains.
Rolf H Bremmer, Gerda Edelman, Tessa Dijn Vegter, Ted Bijvoets, Maurice CG Aalders

Non-contact spectroscopic determination of large blood volume fractions in turbid
media.
Rolf H Bremmer, Stephan C Kanick, Nick Laan, Arjen Amelink, Ton G van Leeuwen,
Maurice CG Aalders
*Biomedical Optics Express*, **2** 396-407 (2011).

Biphasic Oxidation of oxy-hemoglobin in bloodstains.
Rolf H Bremmer, Daniel M de Bruin, Maarten de Joode, Wybren Jan Buma, Ton G van
Leeuwen, Maurice CG Aalders

Photon path length distribution model for reflectance spectroscopy.
Rolf H Bremmer, Wouter Smeets, Martin JC van Gemert, Ton G van Leeuwen, Maurice
CG Aalders
*Optics Letters*, submitted.

Can diffusion approximation be valid beyond its assumed borders?
Rolf H Bremmer, Martin JC van Gemert, Ton G van Leeuwen, Maurice CG Aalders
In preparation.

Co-authored publications, not described in this thesis

Optical phantoms of varying geometry based on thin building blocks with controlled
optical properties.
Daniel M de Bruin, Rolf H Bremmer, Vitali M Kodach, Roy de Kinkelder, Jan van
Marle, Ton G van Leeuwen, Dirk J Faber
Heat conduction from the exceedingly hot fiber tip contributes to the endovenous laser ablation of varicose veins.
Renate R. van den Bos, Michale A Kockaert, Martino HA Neumann, Rolf H Bremmer, Tamar Nijsten, Martin JC van Gemert
*Lasers in Medical Science* 2009 **24**(2) 247-251.

Volume determination of bloodstains with Optical Coherence Tomography and implications for Bloodstain Pattern Analysis.
Nick Laan, Rolf H Bremmer, Maurice CG Aalders, Karla G de Bruin