Non-contact spectroscopic age determination of bloodstains

Bremmer, R.H.

Citation for published version (APA):

General rights
It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: https://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.
PUBLICATON 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*, 22 396-407 (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
*Journal of Biomedical Optics* 15 (2010).
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