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### Spectral analysis of blood stains at the crime scene

Edelman, G.J.

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## 15 - LIST OF PUBLICATIONS

### **Publications related to this thesis:**

Edelman GJ, van Leeuwen TG, Aalders MCG. Visualization of latent blood stains using visible reflectance hyperspectral imaging and chemometrics. *Journal of Forensic Sciences*; in press.

Edelman GJ, van Leeuwen TG, Aalders MCG. Hyperspectral imaging of the crime scene for the automatic detection and identification of blood stains. *Proceedings of SPIE Defense Security and Sensing*; 2013.

Edelman GJ, Hoveling RJM, Roos M, van Leeuwen TG, Aalders MC. Infrared imaging of the crime scene: possibilities and pitfalls. *Journal of Forensic Sciences* 2013; 58(5):1156-62.

Edelman GJ, Manti V, van Ruth SM, van Leeuwen TG, Aalders MCG. Identification and age estimation of blood stains on coloured backgrounds by near infrared spectroscopy. *Forensic Science International* 2012;220(1-3):239-44.

Edelman GJ, Gaston E, van Leeuwen TG, Cullen PJ, Aalders MC. Hyperspectral imaging for non-contact analysis of forensic traces. *Forensic Science International* 2012;223(1-3):28-39.

Edelman GJ, van Leeuwen TG, Aalders MCG. Hyperspectral imaging for the age estimation of blood stains at the crime scene. *Forensic Science International* 2012;223(1-3):72-7.

Bremmer RH, Edelman G, Vegter TD, Bijvoets T, Aalders MCG. Remote spectroscopic identification of bloodstains. *Journal of Forensic Sciences* 2011;56(6):1471-5.

**Publications not related to this thesis:**

Edelman GJ, Lopatka M, Aalders MC. Objective colour classification of ecstasy tablets by hyperspectral imaging. *Journal of Forensic Sciences* 2013;58(4):881-6.

Edelman G, Alberink I, Hoogeboom B. Comparison of the performance of two methods for height estimation. *Journal of Forensic Sciences* 2010;55(2):358-65.

Edelman G, Bijhold J. Tracking people and cars using 3D modeling and CCTV. *Forensic Science International* 2010;202(1-3):26-35.

Edelman G, Alberink I. Estimation of body heights in digital images. In: Jamieson A, Moenssens A, editors. *Wiley Encyclopedia of Forensic Science*. 1 ed. Chichester: John Wiley & Sons; 2009;1624-32.

Edelman G, Alberink I. Height measurements in images: how to deal with measurement uncertainty correlated to actual height. *Law, probability & risk* 2009;9(2):91-102.

Edelman G, Alberink I. Comparison of body height estimation using bipeds or cylinders. *Forensic Science International* 2009;188(1-3):64-7.