

**Most relevant articles for this CoE call**

1. Kassamakov, I., Seppänen, H., Oinonen, M., Hægström, E., Österberg, M., Aaltonen, J., Saarikko, H., and Radivojevic, Z., (2007), "Scanning White-Light Interferometry in Quality Control of Single-Point Tape Automated Bonding", *Microelectronics Engineering* 84(1), p.114–123.
2. Hanhijärvi, K., Kassamakov, I., Heikkinen, V., Aaltonen, J., Sainiemi, L., Grigoras, K., Franssila, S., and Hægström, E., (2012) "Stroboscopic supercontinuum white-light interferometer for MEMS characterization", *Optics Letters*, 37(10), p. 1703-1705.
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4. Heikkinen, V., Kassamakov, I., Paulin, T., Nolvi, A., Wälchli, A., Aaltonen, J., and Hægström, E., (2013) "Stroboscopic scanning white light interferometry at 2.7 MHz with 1.6  $\mu\text{m}$  coherence length using a non-phosphorous LED source" *Optics Express* 21(5), p.5247-5254.
5. Heikkinen, V., Kassamakov, I., Barbeau, C., Lehto, S., Kiljunen, J., Reinikainen, T., and Hægström, E., (2013) "Quantitative high-resolution 3D microscopy improves the confidence when determining the order of creation of toolmarks" *AFTE Journal* 45(2), p.150-159.
6. Seppä, J., Kassamakov, I., Nolvi, A., Lassila, A., and Hægström, E. (2013) "Quasidynamic Calibration of Stroboscopic Scanning White Light Interferometer with a transfer standard" *Optical Engineering* 52(12), 124104.
7. Paaver, U., Heinämäki, J., Kassamakov, I., Hægström, E., Heikkinen, V., Ylitalo, T., Nolvi, A., Kozlova, J., Laidmäe, I., Kogermann, K., and Veski, P., (2014) "Nanometer depth resolution in 3D topographic analysis of drug-loaded nanofibrous mats without sample preparation" *International Journal of Pharmaceutics* 462(1-2), p. 29-37.
8. Schäfer, R., Seppänen, H., Kassamakov, I., Hægström, E., and Hauptmann, P. (2007), "Bonding quality monitoring applying statistical modeling of Scanning White Light Interferometry data", *J. Microelectron Eng.* 84(11), p. 2757-2768.
9. Kassamakov, I., Abbadi, I., Hanhijärvi, K., Aaltonen, J., Ludvigsen, H., and Hægström, E., (2009), "Scanning White Light Interferometry with Super-Continuum Source", *Optics Letters* 34(10), p.1582-4.
10. Karppinen, T., Pajari, H., Haapalainen, J., Kassamakov, I., and Hægström, E. (2010) "Concurrent structural and mechanical characterization of forming colloidal film by ultrasound and light", *Appl. Phys. Lett.* 96(17), p. 174102.