

PH.D. THESIS



A Tale of Chaos and Colour

Influencing the photophysical properties
and glass forming abilities of BODIPY
dyes *via* structural modification

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AND MOLECULAR BIOLOGY**



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Ph.D. thesis

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Clara Schäfer received her master's degree in chemistry from the Friedrich-Alexander-Universität Erlangen-Nürnberg in 2017, with a focus on organic and medicinal chemistry. In 2018, she started her PhD studies in the Molecular Materials group, headed by Professor Karl Börjesson, at Göteborgs universitet. Her PhD research focuses on fluorescent organic dyes, i.e. BODIPY dyes, and how organic chemistry can be utilised to influence the intrinsic properties of the fluorophore.

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