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## Optoplasmonic detection of single particles and molecules in motion

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### Citation

Asgari, N. (2023, November 28). *Optoplasmonic detection of single particles and molecules in motion*. *Casimir PhD Series*. Retrieved from <https://hdl.handle.net/1887/3665158>

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# Optoplasmonic Detection of Single Particles and Molecules in Motion

## Proefschrift

ter verkrijging van  
de graad van doctor aan de Universiteit Leiden,  
op gezag van rector magnificus prof. dr. ir. H. Bijl,  
volgens besluit van het college voor promoties  
te verdedigen op dinsdag 28 november 2023  
klokke 10:00 uur

door

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in 1991

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Casimir PhD Series, Delft-Leiden 2023-34

ISBN 978-90-8593-581-0

An electronic version of this dissertation is available at  
<https://openaccess.leidenuniv.nl>

The present work is financially supported by the Netherlands Organization for Scientific Research (NWO).

The cover designed by Nasrin Asgari. The front page shows a sensor gold nanorod which has been immobilized on a glass substrate. Single proteins and small gold nanorods are freely diffusing around the sensor rod. The proteins structures (Hemoglobin and Glucose oxidase) have been downloaded from protein data bank (PDB) and visualized in blender software. The back side shows a gold nanorod performing a random rotation and a random coil of polymer has been bind to the gold nanorod.

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