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### **Validating the performance of a Raman laser spectrometer (RLS) instrument under Martian conditions**

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VRIJE UNIVERSITEIT

***Validating the performance of a Raman laser spectrometer (RLS)  
instrument under Martian conditions***

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. F.A. van der Duyn Schouten,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Aard- en Levenswetenschappen  
op maandag 25 november 2013 om 15.45 uur  
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door

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