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Vermeeren, Pascal

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VRIJE UNIVERSITEIT

**(ASTRO)CHEMISTRY**

From Molecules to Reactions

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. C.M. van Praag,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Bètawetenschappen  
op dinsdag 15 februari 2022 om 13:45 uur  
in een bijeenkomst van de universiteit,  
De Boelelaan 1105

door

Pascal Vermeeren

geboren te Amsterdam

promotor: prof.dr. F.M. Bickelhaupt

copromotor: dr. T.A. Hamlin

promotiecommissie: prof.dr. L. Visscher  
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