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## Extracting Physics from Gravitational Waves

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VRIJE UNIVERSITEIT

# Extracting Physics from Gravitational Waves

Testing the Strong-field Dynamics of General Relativity and Inferring the Large-scale  
Structure of the Universe

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 Exacte Wetenschappen  
op woensdag 20 november 2013 om 15.45 uur  
in de aula van de universiteit,  
De Boelelaan 1105

door

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