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## Extrasolar planet detection through spatially resolved observations

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EXTRASOLAR PLANET DETECTION  
THROUGH SPATIALLY RESOLVED OBSERVATIONS

PROEFSCHRIFT

ter verkrijging van  
de graad van Doctor aan de Universiteit Leiden,  
op gezag van de Rector Magnificus Prof. mr. C. J. J. M. Stolker,  
volgens besluit van het College voor Promoties  
te verdedigen op donderdag 11 juni 2015  
klokke 15:00 uur

door  
Tiffany Meshkat  
geboren te Mountain View, California, USA  
in 1987

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Cover: Artist impression of a directly imaged planet in a debris disk.

Designed by Tiffany Meshkat and Joshua Routh.

Created by Joshua Routh.

For my parents, whose unwavering support and sacrifices  
have allowed me to follow my dream.

*“If we long for our planet to be important, there is something we can do about it. We make our world significant by the courage of our questions and by the depth of our answers.”*

*-Carl Sagan, Cosmos*

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