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## Spectroscopy of highly-charged Sn ions for extreme ultraviolet nanolithography

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VRIJE UNIVERSITEIT

SPECTROSCOPY OF HIGHLY-CHARGED SN  
IONS FOR EXTREME ULTRAVIOLET  
NANOLITHOGRAPHY

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor  
aan de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. V. Subramaniam,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Bètawetenschappen  
op donderdag 19 december 2019 om 09.45 uur  
in de aula van de universiteit,  
De Boelelaan 1105

door

Francesco Torretti

geboren te Civitanova Marche, Italië

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