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## Outer Tracker calibration and open charm production cross section measurement at LHCb

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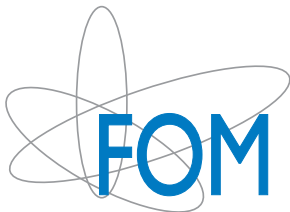
### **E-mail address:**

[vuresearchportal.ub@vu.nl](mailto:vuresearchportal.ub@vu.nl)

**Outer Tracker calibration  
and open charm production cross section  
measurement at LHCb**

Alexandr Vladimirovich Kozlinskiy

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VRIJE UNIVERSITEIT

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and open charm production cross section  
measurement at LHCb**

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. L.M. Bouter,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Exacte Wetenschappen  
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