

Curriculum Vitae  
**Dirk van Dam**

### Personal & Contact Info

Name: Dirk van Dam  
Place and date of birth: Puerto Ordaz, Venezuela. July 9<sup>th</sup>, 1991  
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### Education

09/2016 – present **MSc. Astronomy and Research: Instrumentation, Leiden University**  
Minor Project: High Resolution Polarisation Imaging of 1SWASP J140747.93-394542.6 - The Search for an Extrasolar Ring System  
Masters Project: Simulating and prototyping a compact birefringent snapshot imaging system for measuring atmospheric trace gas concentrations.

09/2009 – 07/2016 **BSc. Mechanical Engineering, Delft University of Technology**  
Final project: Redesigning Railway Signalling, Delft, Netherlands.  
Minor: Broad Physics Minor (TU Delft)  
+35 ECTS of Courses at Leiden University, Faculty of Astronomy.

09/2007 – 05/2009 **IB Diploma**  
Physics Higher Level (Options: Astronomy and Relativity)  
Maths Higher Level (Option: Further Statistics)

09/2005 – 05/2009 **Escuela Campo Alegre (American School in Caracas)**  
Graduated with High Honours, Academic Excellence in Physics and Chemistry, President's Education Award

### Work Experience

11/2014 – present **Delftsch Studenten Salon Orkest "Qui Vive"**  
**Manager** of the salon orchestra consisting of 3 violins, a cello, a double bass, a clarinet and a piano.

### Certificates, courses and scholarships awarded

2008 A.P. Calculus BC Test  
2008 Fermat Mathematics Contest Waterloo – Top 25% of examinees  
2007 Cayley Mathematics Contest Waterloo  
2006 Pascal Mathematics Contest Waterloo

## **Languages**

English	Native Proficiency
Dutch	Full Professional Proficiency
Spanish	Full Professional Proficiency

## **Computer Skills**

Experienced in	Windows, Linux, Office, LaTeX Python, SPECTral X-ray and UV modelling analysis (SPEX), MATLAB
Understanding of	Common Astronomy Software Applications package (CASA), Astrophysics Multipurpose Software Environment (AMUSE)