Jenny Held

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Education

09/2015 – present	**PhD student (Physics)**, *EAWAG Dübendorf*, Schweiz.
09/2013–08/2015	**MSc ETH in Physics**, *ETH Zürich*, Schweiz.
09/2010–08/2013	**BSc in Physics**, *King's College London*, UK, First Class Honours.

Publications

2014 **Direct detection of exoplanets in the 3–10 micron range with E-ELT/METIS**, *Quanz et al.*, arXiv:1404.0831.

Scientific Projects

2015 **Master Thesis**, *ETH Zürich*.
"Hebbian learning clustering with Rulkov neurons"
Supervisor: Prof. Ruedi Stoop, Institute of Neuroinformatics, ETH & UZH.

2014 **Semester Project**, *ETH Zürich*.
"On Fourier spectral analysis as a technique to differentiate between the origins of spiral structures in protoplanetary discs"
Supervisor: Dr. Farzana Meru, Institute of Astrophysics, ETH.

2013 **Traineeship**, *European Space Astronomy Center (ESAC)*, Madrid.
"A catalogue of BL Lac objects observed by XMM Newton"
Supervisor: Dr. Ignacio de la Calle Peréz, ESAC.

2012 **Summer Project**, *ETH Zürich*.
"Prioritizing RV exoplanets for future direct imaging surveys"
Supervisor: Dr. Sascha Quanz, Prof. Michael Meyer, Institute of Astrophysics, ETH.

Languages

German	mother tongue
English	fluent
French	basic

Programming

Matlab, Mathematica, IDL, C/C++, Perl

Awards

2013	ETH Excellence Scholarship
2013	KCL Randall Medal
2011, 2012	KCL MyScholarship
2012	KCL Perkin Elmer Prize