

Curriculum vitae

Personal information

Name Anna Lueber
E-Mail anna.lueber@unibe.ch

Employment & Education

since 03/2022 Ph.D in Physics with the focus on Astronomy at the University of Bern (CSH),
from 10/2022 onwards at the Ludwig-Maximilians-University in Munich,
Supervisor: Prof. Dr. Kevin Heng

03/2022 Master's diploma in Physics with special qualification in Astronomy at the
University of Bern, Overall grade: summa cum laude

09/2020 – 02/2022 M.Sc in Physics with special qualification in Astronomy at the University of Bern

06/2021 Summer School in Statistics for Astronomers, Penn State University

02/2021 Certificate for Machine Learning course, Stanford University

03/2019 – 08/2019 Semester abroad at the Humboldt University Berlin (ERASMUS-SEMP)

09/2020 Bachelors's diploma in Physics with special qualification in Astronomy at the
University of Bern, Overall grade: cum laude

09/2017 – 09/2020 B.Sc in Physics with special qualification in Astronomy at the University of Bern

Institutional Work

since 09/2020 Teaching Assistant University of Bern with Prof. Dr. Nicolas Thomas

02/2020 – 08/2020 Teaching Assistant University of Bern with Prof. Dr. Thomas Feurer

09/2019 – 12/2021 Vice president of the Young Physicists Forum

09/2017 – 02/2022 Member of the student council Physics and Astronomy

Talks & Posters

05/2022 Poster at Exoplanets IV, Las Vegas, USA

04/2022 Invited Talk at Twinkle's Next Gen European Extrasolar Scientists meeting

04/2022 Poster at Junior Research Assembly (JURA), Leissigen, Switzerland

Publications

2. **Lueber, A.**, Kitzmann, D., Bowler, B. P., Burgasser, A. J., & Heng, K. (2022). Retrieval Study of Brown Dwarfs Across the L-T Sequence. *arXiv preprint arXiv:2204.01330*.
1. Kitzmann, D., Hoeijmakers, J. H., Grimm, S. L., Borsato, N. W., **Lueber, A.**, & Prinoth, B. (2021). The Mantis Network I: A standard grid of templates and masks for cross-correlation analyses of ultra-hot Jupiter transmission spectra. *arXiv preprint arXiv:2112.11380*.