

Lucas Maximilian Fix

Employment History

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| since Sep. 2024 | ■ Research Assistant in the Analysis and Mathematical Modelling Section at Heidelberg University. |
| Apr. 2023 – Jul. 2024 | ■ Teaching Assistant in the Analysis and Mathematical Modelling Section at Heidelberg University, for the lectures <i>Partielle Differentialgleichungen</i> and <i>Variationssrechnung 2</i> (editing lecture materials, supervision of seminar talks, organizational tasks). |
| Oct. 2021 – Mar. 2023 | ■ Student Assistant at Heidelberg University, leading tutorials for the lectures <i>Analysis 1</i> , <i>Analysis 2</i> and <i>Höhere Analysis</i> . |
| Oct. 2020 – Mar. 2021 | ■ Student Assistant at Heidelberg University, leading tutorials for the lecture <i>Analysis 1</i> . |


Education

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| since Oct. 2021 | ■ Master of Science in Mathematics, Heidelberg University. <ul style="list-style-type: none">• Thesis title: <i>Elliptic Regularity Theory for the Robin Laplacian on Domains with an Exterior Cusp</i> (Supervisor: Prof. Dr. H. Knüpfer).• Specialisations: <i>Applied analysis</i>, especially <i>partial differential equations</i> and <i>calculus of variations</i>. |
| Oct. 2017 – Sep. 2021 | ■ Bachelor of Science in Physics, Heidelberg University. <ul style="list-style-type: none">• Thesis title: <i>Nonlinear Electrodynamics and its Applications in Cosmology</i> (Supervisor: Prof. Dr. M. Bartelmann).• Specialisations: <i>Theoretical physics</i> and <i>astrophysics</i>. |
| Jun. 2017 | ■ Abitur, Gymnasium Neuenbürg |


Memberships


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| since Aug. 2023 | ■ Member of the Young Researchers Convent , a subgroup of the STRUCTURES Cluster of Excellence. |
| since Jan. 2023 | ■ Participation in the PhD Discussion Group , a biweekly meeting of postdocs, PhD and master's students from the applied analysis groups at Heidelberg University to discuss their research. |
| since Nov. 2022 | ■ Participation in the Applied Analysis Seminar , a weekly meeting of professors, postdocs, PhD and master's students from the applied analysis groups at Heidelberg University to share the latest results in applied analysis. |

Invited Talks

Jul. 2024  University of Augsburg, Oberseminar *Mathematische Modellierung und partielle Differentialgleichungen*

Workshops

Jun. 2024  **Conference on Calculus of Variations in Lille - 4th edition**, workshop at Laboratoire Paul Painlevé, Université de Lille.

Apr. 2023  **Compact course “The gradient flow structure of mean curvature flow”**, given by STRUCTURES guest Prof. Dr. T. Laux at Heidelberg University.

References

Available on request.