

# Philipp Conen

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## Work Experience

- since **Scientific researcher**, *Digitalization and process optimization*, German Aerospace Center, Hamburg  
04/2022
- 03/2022 – **Master Thesis**, *Digital twin of an aircraft wing*, German Aerospace Center,  
11/2022 Hamburg
- 10/2021 – **Scientific Assistant**, *Digital twin of an aircraft wing*, German Aerospace Center,  
05/2021 Hamburg
- 10/2020– **Scientific work**, *Numerical analysis of real gas behavior*, Laboratory for Thermal  
03/2021 and Power Engineering at Münster University of Applied Sciences, Steinfurt
- 04/2020– **Project work**, *Parameter studies for efficient hydrogen storage*, Laboratory  
09/2020 for Thermal and Power Engineering at Münster University of Applied Sciences,  
Steinfurt
- 04/2019– **Bachelor thesis**, *Optimization of the mixing of ammonia and exhaust gas in an  
09/2019 SCR mixing section using computational fluid dynamics*, 2G-Drives, Heek
- 08/2016– **Student Assistant**, *Research bonding technology*, Laboratory for materials  
10/2018 engineering at Münster University of Applied Sciences, Steinfurt
- 02/2015– **Journeyman**, *Precision mechanic*, Münster University of Applied Sciences,  
07/2015 Steinfurt

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## Education

- since **Master's degree**, *Computational engineering*  
10/2019 Münster University of Applied Sciences - Steinfurt
- 08/2016– **Bachelor's degree**, *Mechanical engineering*, Specialization: Fluid dynamics;  
10/2019 Computational fluid dynamics; Finite element method  
Münster University of Applied Sciences - Steinfurt
- 08/2015– **Technical high school**, *Mechanical engineering*  
06/2016 Technische Schulen des Kreises Steinfurt - Steinfurt
- 08/2011– **Apprenticeship**, *Precision mechanic*, Focus on mechanical engineering  
01/2015 Münster University of Applied Sciences - Steinfurt

## ■ Memberships & Engagements

- 2012–2022 **Badminton trainer**, *Department Badminton, SV Burgsteinfurt*
- 2014–2018 **Deputy head of department**, *Department Badminton, SV Burgsteinfurt*
- 2014–2021 **Member of the executive board**, SV Burgsteinfurt
- since 2016 **Scholarship recipient**, German Business Foundation (SDW)
- since 2016 **Scholarship recipient**, Employers' associations Ruhr/Westphalia (AGV)
- since 2017 **Examination office member**, Münster University of Applied Sciences
- 2018–2019 **Head of Department**, *Department Badminton, SV Burgsteinfurt*
- 2018–2021 **Member**, *Commission for the pedagogical qualifying examination for professors, Münster University of Applied Sciences*
- since 2020 **Member**, The Association of German Engineers (VDI)
- since 2020 **Member**, German Business Foundation Alumni e.V.

## ■ Certificates

EU-Drone license A1/A3