



Bild: Entwurf Vitamorphosis (2024)  
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## **D3 Context: Science & Fiction**

Creative Engineering | WS 2024\_25  
Prof. Dr. Helge Oder

### **Content:**

Science and fiction are closely intertwined. The frameworks and paradigms within which knowledge is generated are subjects of ongoing change and design (fiction). Knowledge and scientific cultures always reflect contemporary societal, political, and economic conditions. They shape what we recognize as reliable, institutionalized knowledge, yet remain dynamic and fluid.

Concepts of the future often rely on current scientific insights (science) and project various possible future worlds. This process has a long tradition, especially in the Western world shaped by Enlightenment and modernity.

In this module, we will explore how speculative design and design fiction methods can illuminate conceivable yet non-obvious futures in the Augsburg area. The foundation for this includes current technological, scientific, societal, and cultural developments and trends. A particular focus will be on the future roles and significance of different actors in a sustainable system of local production and reproduction, and the associated cultures of life.

Critical speculative designs and scenarios of non-obvious but possible futures are essential for interdisciplinary innovation processes. They make the hard-to-imagine visible, actionable, and debatable for various stakeholders. Analyzing these speculative designs will also spark a discourse about the desirability of such futures.

### **Approach:**

- Group work based on specific current technological and societal developments.

### **Results:**

- Presentation showcasing the speculative scenario and reflecting/design on suitable concepts and methods for conveying it (e.g., exhibition, online presentation, prototypes, media representations)
- 2D representation of the concept (poster, online)

The course will be held bilingually (De/Engl). Main language is german.