Gerber Architekten

Research Building CALEDO for the University Dortmund

The Center for Advanced Liquid-Phase Engineering (CALEDO) is dedicated to interdisciplinary research into fundamental modes of action and the knowledge-based design of liquid phases. The research building, which was developed specifically for the sloping site, blends harmoniously into the TU Dortmund campus with its clinker brick façade. It enables the interdisciplinary use of a new research infrastructure with numerous special laboratories. With its state-of-the-art laboratory and office space, CALEDO facilitates the connection between university-based fundamental research and the development of industrial applications.

The building structure reflects the dynamic, interdisciplinary research approach. A central garden courtyard and the multi-story hall form the visual and communicative center around which all functional areas are grouped. This identity-forming center enables employees and visitors to find their way around the research building.

From the outside, the building cube is characterized by an interplay of compact clinker brick sections and large window areas. Inside, a bright inner courtyard with a terraced green area provides additional natural lighting. The raised, rounded building volumes enclose the building services and at the same time give the five-story building a sculptural character.
With its combination of highly specialized infrastructure, functional research architecture, and sculptural presence, CALEDO sends a strong signal for future-oriented work and collaborative research.

https://www.gerberarchitekten.de/en/project/research-building-caledo-for-the-university-dortmund/

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