



EURO-CARES WP3 Meeting

Designing a European Extraterrestrial Sample
Curation Facility

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Architecture as the Interface between Humans and Technology

S. Häuplik-Meuburger and S.-H. Lu, Vienna University of Technology, Institute for Architecture and Design, Hochbau 2, Karlsplatz 13, A-1040 Vienna, Austria (haeuplik@hb2.tuwien.ac.at and lu@hb2.tuwien.ac.at).

As a discipline, architecture aims at creating an optimized design that is compatible with technological, scientific, design, and human factors requirements. The design process is usually multidisciplinary and interrelates with involvement of different disciplines.

The presentation will introduce selected work and research activities at the department Hochbau 2 of the University of Technology in Vienna.

The main part of the presentation will emphasize the role of architecture and building design as the intermediary between the human element and the built environment. Examples, mainly drawn from 'Space and Extreme Environment Architecture' will show the importance of this element for creating functional, healthy and creative environment.

Keywords: Architecture, Multidisciplinary design process, Space and Extreme Environment Architecture, Human Factor Design