

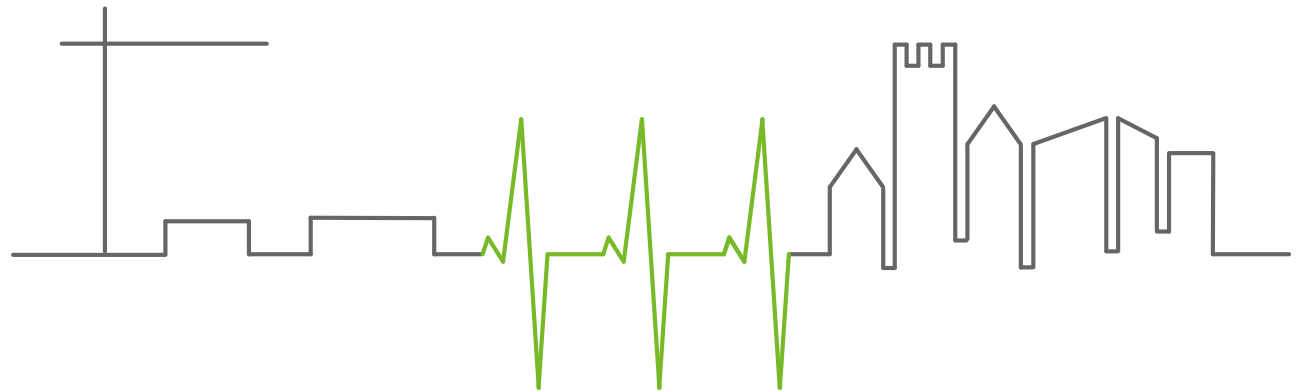
UNIVERSITY CONFERENCE

building healthy buildings

Bielefeld, May 23. - 24. 2017

Wednesday, 24.05.2017

- 09:00 **Welcome/Review day 1**
B. Schade-Bünsow, Bauwelt
Prof. Dr. W. Heusler, Schüco
- 09:30 **Work and health**
J. G. Seidel, MAIS NRW
- 10:15 **Visual assistance systems in manual installation**
Prof. Dr. S. Hinrichsen, HS OWL
- 11:00 **Coffee Break**
- 11:25 **RWTH Robotics**
Prof. Dr. S. Brell-Cokcan, RWTH Aachen
- Ergonomics and human-machine-systems**
Dr. Dr. A. Mertens, RWTH Aachen
- 12:15 **Panel discussion**
- 12:45 **Lunch break**
- 13:30 **Award ceremony**
- 14:00 **Building healthy buildings healthily**
Prof. Dr. K. Sedlbauer, TUM
- 14:45 *Conclusion/review*
- 15:00 *Farewell*



Moderator B. Schade-Bünsow

SCHÜCO

Agenda

Tuesday, 23.05.2017

- 09:30 **Welcome**
A. Engelhardt, Schüco
Prof. Dr. W. Heusler, Schüco
- 10:00 **Introductory speech**
H. Kühnhenrich, BBSR
- 10:45 **Coffee break**
- 11:15 **Well-being in knowledge sector jobs**
Dr. A. Rieck, Fraunhofer IAO
- 12:00 **Live healthily? Recognize toxins!**
Prof. Dr. M. Pilgramm, HS OWL
- 12:45 **Lunch break**
- 14:00 **Urban Comfort**
Dr. A. Liebl, Fraunhofer IBP
- 14:45 **Façade and roof greening**
R. Scheuermann, ARUP
- 15:30 **Coffee break**
- 16:00 **Outlook: Next generation of green buildings**
Dr. P. Möhle, Drees & Sommer
- 16:45 **Panel discussion**
- 17:30 *Conclusion day 1*
- 18:00 *Guided tour Schüco Technology Center*
- 19:00 **Dinner**
- 21:00 *End*



The World Health Organization defined health in 1946 as a state of complete physical, mental and social well-being.

Since then, it has become commonplace to distinguish between the state of health and health related quality of life.

Because we spend up to 90% of our time in buildings, they need to be designed in a healthy way; especially concerning living and working conditions for the user inside.

An optimal building envelope is to be realized in a way that not only positively influences the interior, but also the thermal, hygienic and visual microclimate around the building.

Concerning the growing lack of skilled workers in the building sector it is not enough anymore to optimize planning and building processes in relation to quality, time and costs.

Rather, it has become more important to ensure that the people employed in workshops and on building sites are less fatigued or actually harmed, even when performing these activities over many years.

Most relevant in this context are the avoidance of physical and ergonomic, chemical and biological, as well as psychological pressures.