

Education and professional experience:

- April 1937 Born in Rostock, Germany
- 1957 - 1964 Study of architecture and city planning in Hannover and Berlin, Germany.
Diploma in architecture.
- 1964 - 1968 Research Assistant of Prof. Dr.-Ing. Frei Otto at the Institute of Light Weight
Structures, University of Stuttgart.
- 1965 - 1969 Doctoral dissertation on evaluating the efficiency of structures.
- Since 1967 Consultant structural architect for light weight structures. Developments: ribbed timber
shells; cable-reinforced pneumatic structures; membrane structures for sport activities,
street covers, bus stop shelters; self-help light-weight structures for housing and
Kindergardens.
- Aug. 1971 - Director of the „Institut für Umweltplanung“, Ulm
Sept. 1972 (Institute of Environmental Planning)
- 1974 - 2011 Professor at Kassel University, director of the Building Research Institute, department
Architecture. Research Projects: Potential use of living plants for low-cost housing.
Earth-quake resistant building techniques with loam, pumice and bamboo. Bamboo
gridshell structures. Development of new and refined earth construction techniques.
Development of construction techniques for domes of adobes and stabilized soil
blocks. Passive climatization of building.
- Since 1979 Private Office of ecological architecture (planning of ecological settlements; low-energy houses;
earth and grass covered buildings; earth construction techniques for wall, vault and dome
structures; low cost housing projects and energy saving buildings for developing countries.)

Guest professor / guest lecturer:

- Technical University Hannover, Germany: 1967, 1970
- School of Architecture, Portsmouth, England: 1967, 1968, 1969
- Hochschule für Gestaltung, Ulm, Germany: 1967-1969
- Technische Hogeschool Delft, Netherlands: 1970, 1971, 1972
- Technische Hogeschool Eindhoven, Netherlands: 1972, 1973
- Gesamthochschule Kassel, Germany: 1972
- Hochschule für bildende Künste Hamburg, Germany: 1973
- Universidad Nacional Autonoma de Mexico, Mexico: 1975
- State University of New York at Buffalo, USA: 1975
- Universidad del Zulia, Maracaibo, Venezuela: 1977
- Universidad Francisco Marroquin, Guatemala, Guatemala: 1978, 1980
- Florida A & M University, Tallahassee, USA: 1980
- Universidad Catolica, Asuncion, Paraguay: 1982
- Slovenská Technická Univerzita Bratislava, Slovakia: 1991, 1993
- ITESO; Guadalajara, Mexico, 2001
- UFPR, Curitiba, Brazil, 2001
- ITESO, Guadalajara, Mexico 2002
- University Calgari, Italy 2002
- UFRS, Porto Alegre, Brazil 2003
- UBA, Buenos Aires, Argentina 2004
- LUMSA, Rome, Italy 2006, 2007
- UNIVALLE, Cali, Colombia, 2009
- LUMSA Rome, Italy 2010,2011,2012
- UNA Asuncion, Paraguay 2012
- Politecnico Torino, Italy 2012
- Universidad de Ibagué, Colombia 2014

Experience as international expert:

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| 1978 | Development of earthquake resistant housing projects for Guatemala |
| 1986 -1988 | Analysis of passive climatization in rural housing of India, |
| 1989 | Development of a low-cost-housing prototype built of bamboo, for gtz Ecuador |
| 1989 | Development of a low-cost housing prototype built of earth, Ecuador |
| 1990 - 1994 | Development of energy saving houses built of earth with passive climatization for India |
| 2001 | Development of an earthquake resistant multipurpose hall of adobes, La Paz, Bolivia |
| 2001, 2002 | Development of an earthquake resistant residence for Chile |
| 2002 | Development of houses for orphans, Kaliningrad, Russia |
| 2002, 2003 | Restoration of old castles and forts, Sultanate Oman |
| 2003 - 2006 | Development of low-cost-housing prototypes for landless people in Brazil |
| 2009 | Consultation of restoration work of historic earth settlements and castles in Saudi Arabia |

Books:

- "Holzflächentragwerke", Stuttgart 1969.
"Zur Effizienz von Tragwerken", Stuttgart 1970.
"Alternatives Bauen - Untersuchungen und Erfahrungen mit alternativen Baustoffen und Selbstbauweisen", Kassel 1980.
"Low-Cost-Bauen", Kassel 1980.
"Erdbebensichere Low-Cost-Bauten für Guatemala", Kassel 1980 (mit J.Asturias und A. Lau)
"Häuser mit grünem Pelz", Frankfurt 1982 (mit G.Witter).
"Lehmbauforschung", Kassel 1984.
"Climatic Zones and Rural Housing in India", Jülich 1988 (mit N.K. Bansal).
"Building with Pumice", Eschborn 1990 (mit Klaus Grasser).
"Passive Building Design - A Handbook of Natural Climatic Control" (mit N.K. Bansal und G.Hauser), Amsterdam 1994
"Experimentelles Bauen", Staufen 1995.
"Earth Construction Handbook", WIT Press, Southampton, UK 2001
"Manual de construcción para viviendas antisísmicas de tierra". Kassel 2001
"Das neue Lehm-Bau-Handbuch, Staufen 2001"
"Construction manual for earthquake resistant houses built of earth", Eschborn 2002
"Der Strohballenbau", Staufen 2004 (mit F. Mahlke)
"Building with Straw", Basel/Berlin 2005 (mit F. Mahlke)
"Techos verdes", 88 S., Montevideo, Uruguay 2004
"Building with Earth", Basel/Berlin 2006
"Manual de construcción con fardos de paja", Montevideo, Uruguay 2006 (mit F. Mahlke)
"Manual de construcción en tierra" – la tierra como material de construcción y sus aplicación en la arquitectura actual", Montevideo, Uruguay 2008 (3. erw. Auflage)
"Handbuch Lehm-Bau", Staufen 2009
"Handbuch Strohballenbau", (mit B. Krick) Staufen 2009
"Manual de construcción con bambú", Cali, Kolumbien 2010
"Techos Verdes", 88 S., Teruel, Spanien 2010
"Techos Verdes", 88 S., 2. Auflage, Cali, Kolumbien 2010
"Manual de construcción en tierra", Teruel, Spanien 2010
"Dächer begrünen - einfach und wirkungsvoll", 4. erweiterte Auflage, Staufen 2010
"Gewölbe zum Wohnen und Arbeiten, zum Musizieren und Meditieren", Gnevsdorf 2011
"Cúpulas y Bóvedas para vivir y trabajar, para hacer música y meditar", Cali 2011
"Muros y fachadas verdes y jardines verticales - Sistemas y plantas, funciones y aplicaciones", Cali 2012; Bariloche 2013; Barcelona 2014
"Building with Bamboo - Design and Technology of a Sustainable Architecture", Birkhäuser Publisher Basel 2012
"Building with Bamboo - Design and Technology of a Sustainable Architecture", Cali 2012
"Manual de construcción con tierra", Bariloche, Argentinien 2013
"Revoques de barro", Cali, Kolumbien 2013; Barcelona 2014
"Techos Verdes, (3. erw. Auflage), Bariloche, Argentinien 2014
"Muros de barro", Bariloche, Argentinien 2014; Barcelona 2015
"Muros y fachadas verdes", Jardines verticales, Icaria, Barcelona 2015
"Muros de barro", Icaria, Barcelona 2015, 48 p.
"Cúpulas de tierra optimizadas", Cable a tierra, Santiago, Chile 2017. 48 p.
"Muros y Revoques de tierra", Cable a tierra, Santiago, Chile 2017. 80 p.
"Cúpulas y bóvedas, obras de arquitecto Gernot Minke desde el año 1975 hasta 2015", Icaria Barcelona 2017, 62p.
"Manual de construcción con fardos de paja", Cable a tierra, Santiago, Chile 2017

Articles:

More than 300 articles in German, French, English, Italian, Dutch, Spanish, Japanese and Columbian magazines and books

Invited Speaker at 68 international conferences:

The Netherlands 1972, Canada 1974, Germany 1974, England 1975, USA 1976, Thailand 1977, Brasil 1978, Netherlands 1982, Egypt 1982, France 1983, Australia 1983, Zwitterland 1984, Belgium 1984, Hungary 1986, India 1989, Cuba 1989, Germany 1990, CSFR 1990, CSFR 1991, Egypt 1993, Italy 1993, Portugal 1993, Great Britain 1994, Cuba 1994, Sweden 1995, Cuba 1995, Corea 1995, Egypt 1996, Japan 1997, Belgium 1997, Italy 1998, Yemen 2000, England 2000, Cuba 2001, Brazil 2001, Germany 2002, Spain 2003, Germany 2003, Chile 2003, Ecuador 2004, Peru 2005, Cuba 2005, Corea 2005, Germany 2005, Italy 2005, Argentina 2006, Colombia 2006, Italy 2006, Brasil 2006, India 2007, Chech Republic 2007, Greece 2007, Corea 2008, Germany 2008, Colombia 2008, Italy 2009, Czech Republik 2009, Spain 2009, Belgium 2009, Netherlands 2011, Polonia 2011, Slowakia 2011, Chech Republic 2011, Brasil 2012, Brasil 2013, Cuba 2014, Italy 2016, Brasil 2017

Exhibitions of paintings and graphics

Single:

- 1966 Galerie Putty, Berlin
- 1970 Haus Schöfl, Esslingen
- 1984 Galerie Gerischer-Hemrich, Düsseldorf
- 1995 Privatgalerie Dr. Siedentopp, Kassel
- 1995 Galerie Studio Kausch, Kassel
- 1996 Galerie Moering, Wiesbaden
- 2000 Galerie Buchholz, Hannover
- 2004 Galerie Schloß Schönfeld, Kassel
- 2005 Rathaus-Galerie, Vellmar
- 2007 Ladengalerie Carrots & Coffee, Hannover
- 2008 Zentrum für Umweltbewusstes Bauen, Kassel
- 2012 Café Buch-Oase, Kassel
- 2013 Museo de Arquitectura Buenos Aires, Argentinien
- 2014 Café Buch-Oase, Kassel
- 2015 Gemeindesaal Kirche Niestetal-Sandershausen

With others:

- 1963 Herbstausstellung Niedersächsischer Künstler, Kunstverein Hannover
- 1964 Herbstausstellung Niedersächsischer Künstler, Kunstverein Hannover
- 1965 Kunstverein Hannover
- 1995 Kulturmagazin, Kassel
- 1996 Rathaus-Galerie, Fulda-Ihringshausen
- 1997 Galerie Hohmann, Walsrode
- 2006 Europäischer Kulturkreis, Friedrichshafen und Galerie Kleiner Prinz, Baden Baden
- 2011 d:gallery, Kassel
- 2012 d:gallery, Kassel
- 2014 d:gallery, Kassel
- 2015 d:gallery, Kassel
- 2016 d:gallery, Kassel
- 2017 d:gallery, Kassel
- 2017 documenta 14, Kassel