

## "Schiefturm" BUGA 1999, Magdeburg, Germany

Opened on the occasion of the BUGA 1999, the "Millennium Tower" of Magdeburg set in a gross area of 12,000 m<sup>2</sup> presents the history of Science of Nature both in exhibition and experiment. The architecture is extraordinary: on an oval ground plan, a supporting structure made completely of wood rises, a mighty wooden ramp winds in a spiral around the outside of the cone-shaped tower, connecting the exhibition levels. The outer skin of the so-called "Leaning Tower" is formed by membrane panels (plastic-coated fabric, type III) which were mounted to the ramp's inner sides using aluminium profiles and tensioned for dimensional stability: the light membrane fabric corresponds convincingly with the tower's shape which is reminiscent of a "tipi"; the contradictory material properties (flexible, yet "hard") produce a very attractive interaction with the timber used.



### Project data

Architekt / Architect	J.P. Staub Zürcher Forum, Zürich
Konstruktion / Construction	encoplan GmbH, Magdeburg ACM GmbH, Magdeburg
Statik / Statical Calculation	Ing.-Büro Teschner, Füsing CENO TEC GmbH, Greven
ÜGF / Covered Area	4.560 m <sup>2</sup>
Baujahr / Year of Construction	1999

