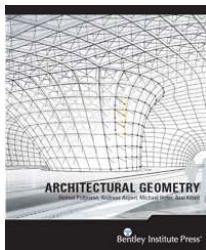


Organisation

- **Lecturers:** Dr. Michael Hofer, Mag.arch. Sigrid Brell-Cokçan, DI Heinz Schmiedhofer, Dr. Georg Suter
- **Rooms:** 1) CAD 2, Freihaus, green tower, 7th floor
2) Übungsraum IEMAR, Treitlstr. 3, 1st floor
3) Milling Robot Lab, Karlsplatz 13
- **Time:** Thursday, 9:00-11.30
- **Start:** March 11, 2010
- **Registration:** [TUWIS++](#) students of module 23 "Digital Architecture" with number 272.086 for the whole module, other students please use 272.050.



Literature

Chapters 15-19 (parts of chapter 12 and 14) of the book "Architectural Geometry" by H. Pottmann, A. Asperl, M. Hofer and A. Kilian, Bentley Institute Press, 2007 [student discount at "Fric", 1040, Wiedner Hauptstraße 13]

Tentative Schedule

Day/Room	Lecturer	Content	Ch
11.03.2010 CAD 2	Hofer, Schmiedhofer	Geometry Reconstruction, 3D-Scanner Demo Introduction	17
18.03.2010	Hofer	Developable Surfaces and Unfoldings	15
25.03.2010	Hofer, Brell, Braumann	Motions, Sweeping and Shape Evolutions; Digital Prototyping & Fabrication; Milling; Live-Demo Milling Robot	12, 16
Easter			
15.04.2010	Hofer, Schmiedhofer	Discrete Freeform Structures	19
22.04.2010 IEMAR	Schmiedhofer, Suter	Customization of Geometric Modeling Systems	19
29.04.2010	Schmiedhofer, Suter	Customization of Geometric Modeling Systems;	15
06.05.2010	Schmiedhofer, Suter	Customization of Geometric Modeling Systems Delivery Exercise #1	15
Holiday			
20.05.2010	Schmiedhofer	Written exam;	16
27.05.2010	Brell, Braumann	Data preparation for milling	16
Holiday			
10.06.2010 Milling Lab	Brell, Braumann	Data preparation for milling	16
17.06.2010	Brell, Braumann	Data preparation for milling	16
24.06.2010	Brell, Braumann	Delivery Exercise #2	

* Regular meeting room is "Arbeitsraum IEMAR", other rooms are given.

* Written exam: 50% of grade, each exercise 25% of grade. To receive a positive mark each part must be assessed positively.