ELITECAD
XEOMETRIC

BIM WORKSHOP ARCHITECTURE 2

You will create a 3D model based on BIM in an extensive project and automatically generate characteristic data like dimensioning space areas, quantity surveying and much more. You will learn how to derive relevant standard-compliant 2D plans from the 3D model, create layouts including flexible plan headers and autotexts. In only a few steps you generate DWX/DWG files for all plans, PDF documentation including graphical format recognition and export your 3D model as an IFC file to serve as a basis for the BIM process.

OVERVIEW

Prev. experience:	Basic ELITECAD and BIM knowledge from BIM Workshop Architecture 1
Duration:	One full day from 9 a.m. to 5 p.m. (incl. 1 hour lunch break)
Equipment:	You will work on your own laptop with a free ELITECAD AR14 demo version installed by you. The system requirements are available here. Upon request we can provide a workstation. Documents will be provided for free at the beginning of the workshop.
Organiser:	XEOMETRIC GmbH
	ELITECAD Competence Center Munich (forum baucultur)
	Erika-Mann-Straße 11	80636 Munich	Germany
	Other locations upon request: office@xeometric.com
Registration:	Please register via the online form

Price:	BDB members	295,00 Euro / day / person plus VAT*
	Non BDB members	395,00 Euro / day / person plus VAT*

*Due before the workshop. Free cancelation until 5 days before the workshop, otherwise full amount is due.

CONTENTS

- ✓ BIM introduction and workshop overview
- ✓ Importing data via interfaces
- ✓ Create a structure with storeys in only a few steps
- ✓ Intelligent management for storeys, views and layers
- ✓ Intuitive creation of 3D models with architectural components
- ✓ Relationship 3D model and 2D plans
- ✓ Creation of parametric plan views (floor plans, sections, views, details and perspectives)
- ✓ Editing of plan views and positioning of library parts
- ✓ Planning stages / representation levels / level of detail (LOD)
- ✓ Automatic space areas, room dividers and room groups
- ✓ Associative dimensioning (point, wall, opening and height dimensioning)
- ✓ Hatches and labelling (individual automated plan headers, plan frames in various formats)
- ✓ Defining and printing of plots with multiple views
- ✓ Creation of DXF/DWG and (3D)PDF data with automated format recognition
- ✓ IFC export of the 3D model as basis for the further BIM process
- ✓ Data backup