

CAD *User*

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2013 Editorial Features

The bi-monthly features below reflect subjects that will be covered within the issues named. Below that is a list of subjects that are being actively researched with a view to inclusion in CAD User when they become topical, or interesting.

CAD User will be publishing a monthly on-line newsletter, starting in the New Year, that will also be used to cover the under mentioned subjects.

Jan/Feb

- The Hammers 2012 – Winners
- BIM as a collaboration tool
- Cost control in construction
- Architectural Design Software Reviews
- Mapping

March/April

- Facilitating Design
- Smart Geometry review
- 3D CAD Software reviews
- Tendering and Estimating
- Structural Engineering and Analysis

May/June

- Building in quality
- 3D scanners
- Collaboration in Construction
- Civil Engineering Software.
- The Olympics – OneYear On
- BIM and FIM – Fabrication Information Modelling

July/Aug

- Sustainable Construction Power Saving Methods
- Process Plant Engineering
- 3D Surveying – Hardware and Software
- Budget Architectural CAD Software Review
- 4D and 5D BIM

Sept/Oct

- Sustainable Architecture
- Document Management
- FEA in Design
- BIM Supplement
- File Formats used in BIM – sharing building data
- CAD on the Web/CAD on demand

Nov/Dec

- CFD in Building Modelling
- Visualisation Tools and Techniques
- Collaboration in Print
- Project Management
- BIM as a Civil Engineering tool

AEC Subjects

- Visualisation and digitisation of architectural models
- Review and Mark-up Software
- Facilities Management
- Civil Engineering
- Environmental Analysis
- BIM
- Process Plant design
- Bridge Design
- Flood Defences
- Utilities and Power Grids
- Mapping

Mechanical Design

- Animating 3D models/Kinetic analysis
- Regular 3D Modelling update
- Internet Resources/Web catalogues
- The Next Generation of Designers
- Technical documentation and storing
- 3D CAD Software reviews
- Design to Mfr /CAD/CAM/CAE
- Knowledge based engineering
- Protecting Designs/Intellectual Property Security
- Quality Assessment tools