Rethinking Traditions and Envisioning the Future in Architecture Through the Use of Digital Technologies

Call for Papers

Main topics
- representation culture
  analog vs. digital, drawing, modeling, scripting...
- design thinking and methods
  computational design, parametric and algorithmic design, performance-based design, prototyping...
- geometry and architecture
  complexity, variability, constructability...
- collaborative design
  multidisciplinary work, BIM practice...
- modes of production
  craft, mass-production, mass-customization...
- building technology and processes
  cad/cam, digital fabrication, robotics, additive construction...
- material innovation
  rethinking traditional materials, new materials...
- education and teaching
  integration of digital technologies in the curriculum...
- sustainability and environmental design
- interactive and adaptive systems
  physical computation, responsive environments...
- design concepts in architecture and urbanism
- history and theory of digital architecture
- rethinking architecture
  virtual environments, game design...

Important dates
call for papers: 25 November 2012
deadline for papers submission: 25 January, 2013
notification of acceptance: 25 February, 2013
deadline for revised papers submission: 15 March, 2013
conference: April, 2013

More information
contact: futuretraditions@arq.up.pt
website: futuretraditions.arq.up.pt