

Name:

Branko Kolarevic

Teaching Area:

Master Design Project Supervision
Comprehensive Design Studio
Integrated Design

Education:

Doctor of Design, 1993
Harvard University
Graduate School of Design
Cambridge, Massachusetts, USA

Master of Design Studies, 1989
Harvard University
Graduate School of Design
Cambridge, Massachusetts, USA

Diploma Engineer in Architecture, 1986
Belgrade University
Faculty of Architecture
Belgrade, Serbia (Yugoslavia)

Teaching and Administrative Experience:

Chair in Integrated Design, 7/07 - present
Professor, 4/10 - present
Associate Professor, 7/07 – 4/10
University of Calgary
Faculty of Environmental Design
Calgary, Canada

Irving Distinguished Visiting Professor, 8/05 – 5/07
Ball State University
Department of Architecture
Muncie, Indiana, USA

Associate Professor of Architecture, 7/99 – 7/05
University of Pennsylvania
School of Design (formerly Graduate School of Fine Arts)
Philadelphia, Pennsylvania, USA

Associate Professor of Architecture, 1/99 – 6/99
Assistant Professor of Architecture, 9/96 - 1/99
University of Hong Kong
Faculty of Architecture
Hong Kong, China

Director of Computing & Adjunct Assistant Professor, 7/93 - 5/96
University of Miami
School of Architecture
Coral Gables, Florida, USA

Lecturer, 4/92 - 6/93
California State Polytechnic University
Department of Architecture
Pomona, California, USA

Lecturer, 12/90 - 9/91
Northeastern University
Department of Art and Architecture
Boston, Massachusetts, USA

Teaching Fellow, 9/90 - 6/91
Harvard University
Graduate School of Design
Cambridge, Massachusetts, USA

Awards and Grants:

2007 ACADIA Award for Innovative Research
Association for Computer Aided Design in Architecture (ACADIA)

University Teaching Fellowship 1998-99, University of Hong Kong

Professor of the Year 1996, University of Miami School of Architecture

Dean's Award for Outstanding Service, 1995
University of Miami School of Architecture

Cadence Scholarship, Ariel Communications, 1990

Teaching Fellowship, Harvard University Graduate School of Design, 1990

Fulbright Scholarship, United States Information Agency, 1988

Professional Affiliations and Selected Service:

ACADIA, Association for Computer Aided Design in Architecture
President, 1997-98
Vice-President (President-Elect), 1997
Co-chair, 1995 Annual Conference
Steering Committee Member, 1995-1997
Member, since 1991

AIA, American Institute of Architects
Associate Member, since 1995

DAB, Association of Belgrade Architects, Serbia (Yugoslavia)
Member, since 1987

eCAADe, Education in Computer Aided Design in Europe
Member, since 1994

CAADRIA, Computer Aided Architectural Design and Research in Asia
Member, since 1996

SIGRADI, Latin-American Society for Digital Graphics
Member, since 1998

Professional Experience and Selected Projects:

Independent Consultant, 3/87 – 5/96

Design and/or information technology consulting – selected clients:

Spillis Candela & Partners, Coral Gables, USA (1995)

Duany/Plater-Zyberk Architects/Planners, Coral Gables, USA (1995)

Carlos Zapata Design Studio, Miami Beach, USA (1994-95)

Gensler and Associates Architects, Los Angeles, USA (1992)

Langdon Wilson Architects Planners, Los Angeles, USA (1992)

SCA Design and Engineering, Cambridge, USA (1991-94)

Energoprojekt Corp., Belgrade, Yugoslavia (1987-90)

Center for Urban Planning and Development, Belgrade, Yugoslavia (1987-88)

Designer, 2/87 - 8/88

Energoprojekt Corporation, ENOS Design Department
Belgrade, Yugoslavia

Selected Publications, Presentations and Exhibitions:

Books (edited)

Manufacturing Material Effects: Rethinking Design and Making in Architecture
Routledge (Taylor & Francis), London and New York, 2008 (with Kevin Klinger)

Performative Architecture: Beyond Instrumentality
Spon Press (Taylor & Francis), London and New York, 2005 (with Ali Malkawi)

Architecture in the Digital Age: Design and Manufacturing
Spon Press (Taylor & Francis), London and New York, 2003

Computing in Design: Enabling, Capturing, and Sharing Design Ideas,
Proceedings of the ACADIA 1995 Conf., Univ. of Washington, Seattle, ACADIA, 1995
(with Loukas Kalisperis)

Books (Authored)

Architectural Modeling and Rendering
John Wiley & Sons, New York, 1998

Keynote Presentations:

“Integrated Design: From Digital to Material”, May 2009
Arab Society for Computer Aided Architectural Design (ASCAAD) 2009 Conference
University of Bahrain, Manama, Bahrain

“Performative Architecture”, October 2007
Sociedad Ibero-Americana de Grafica Digital (SIGRADI) 2007 Conference
Universidad La Salle, Mexico City, Mexico

“Digital Praxis: From Digital to Material”, June 2005
Innovation in AEC (Architecture, Engineering and Construction) Conference
Rotterdam, Netherlands

“Digital to Material”, November 2003
Sociedad Ibero-Americana de Grafica Digital (SIGRADI) 2003 Conference
Rosario, Argentina

Invited Conference/Symposia Presentations:

“Exploring Architecture of Change” October 2009
reForm, ACADIA 2009 Annual Conference, School of the Art Institute Chicago

“Performative Architecture” May 2008
Black River Initiative on Sustainability, International Forum organized by Haworth,
chaired by Susan Szenasy, Editor, Metropolis Magazine, Grand Rapids, MI

“Performative Architecture” October 2007
Innovation 2007 Conference, organized by Architectural Record Magazine
McGraw-Hill Headquarters, New York

“The Craft of Digital Making” October 2006
Building (in) the Future: Recasting Labor in Architecture, Symposium, Yale University,
New Haven

“Blobs Amidst Boxes: Ethics and Aesthetics in Contemporary Architecture” Sept. 2006
Freeform Design, International Colloquium, Technical University, Delft, Netherlands

“Digital Fabrication and Building Information Modeling” November 2005
Innovation 2005 Conference, organized by Architectural Record Magazine
McGraw-Hill Headquarters, New York

“Digital Fabrication 101”, November 2004
AIA/ACADIA Conference “Fabrication,” Toronto/Cambridge, Canada

“Digital Age Architects: Information Master Builders?”, October 2003
AIA 2003 Technology Conference: “Connecting the Dots: Understanding the Emerging
Digital Building Process,” San Francisco

“Digital Production: From Clicks to Bricks”, April 2003
XVII Brazilian Congress of Architects, Rio de Janeiro, Brazil

Public Lectures:

“Integrated Design: From Digital to Material”, May 2009
University of Belgrade, Faculty of Architecture, Belgrade, Serbia

“Manufacturing Material Effects”, May 2009
“Digital Architect” lecture series, Prague, Czech Republic

“Integrated Design: From Digital to Material”, May 2009
Warsaw University of Technology, Faculty of Architecture, Warsaw, Poland

“Integrated Design: From Digital to Material”, May 2009
Spring 2009 Lecture Series, Yildiz Technical Univ., Dept. of Arch., Istanbul, Turkey

“Integrated Design: From Digital to Material”, May 2009
University of Bahrain, Dept. of Engineering and Architecture, Manama, Bahrain

“Manufacturing Material Effects”, May 2009
Spring 2009 Lecture Series, American University, Dept. of Architecture, Sharjah, UAE

“Manufacturing Material Effects”, March 2009
Spring 2009 Lecture Series, Montana State University, Bozeman, USA

“Manufacturing Material Effects”, November 2008
Fall 2008 Lecture Series, School of Arch. and Landscape Arch., UBC, Canada

“Integrated Design: From Digital to Material”, September 2008
Inaugural Lecture for the Digital Architectural Design Programme
University of Salford, School of the Built Environment, Manchester, UK

“The Craft of Digital Making”, February 2008
Inaugural Lecture, Haworth Chair, University of Calgary, Canada

“Performative Architecture”, November 2007
Fall 2007 Lecture Series, College of Arch. and Planning, Univ. of Colorado, Denver

“Performative Architecture”, October 2007
“Tech Talks” Lecture Series, GSAP, Columbia University, New York

“Surface Effects and the Craft of Digital Making”, March 2007
Spring 2007 Design Computation Lecture Series, Dept. of Arch., MIT, Cambridge

“Integrated (Digital) Praxis: From Digital to Material”, March 2007
Spring 2007 Lecture Series, Catholic University of America, Washington D.C.

“Integrated (Digital) Praxis: From Digital to Material”, February 2007
Spring 2007 Lecture Series, Southern Illinois University, Carbondale

“Surface Effects and the Craft of Digital Making”, January 2007
Institute for Advanced Architecture of Catalunya (IAAC), Barcelona, Spain

“Integrated Praxis: From Digital to Material”, September 2006
IST (Instituto Superior Tecnico), Technical University, Lisbon, Portugal

“Integrated Praxis: From Digital to Material”, September 2006
ESAP, Escola Superior Artistica do Porto, Portugal

“Digital Fabrication: From Digital to Material”, April 2006
Ball State University, Muncie, Indiana

“Performative Architecture”, April 2006
Spring 2006 Lecture Series, Faculty of Architecture, Technical University, Graz, Austria

“Digital Praxis: From Digital to Material”, October 2005
Fall 2005 Lecture Series, School of Arch. and Const. Mngt. Wash. State U., Pullman

“Digital Praxis: From Digital to Material”, October 2005
Fall 2005 Lecture Series, Dept. of Architecture, University of Kentucky, Lexington

“Digital Praxis: From Digital to Material”, October 2005
Fall 2005 Lecture Series, College of Arch. and Planning, Univ. of Utah, Salt Lake City

“Contemporary Praxis: From Digital to Material”, September 2005
Delft School of Design (DSD), Technical University of Delft, Netherlands

“Digital to Material”, May 2005
School of Architecture, University of Auckland, New Zealand

“Digital to Material”, May 2005
School of Arch. & Landscape Architecture (ScALA), Unitec, Auckland, New Zealand

“Digital to Material”, May 2005
School of Arch. and Design, Royal Melbourne Inst. of Technology (RMIT), Australia

“Digital to Material”, May 2005
Faculty of Design, Arch. and Building, Univ. of Technology Sydney (UTS), Australia

“Digital to Material”, May 2005
School of Design, Queensland University of Technology (QUT), Brisbane, Australia

“Digital to Material”, April 2005
“Digital Architect” Lecture Series, Czech Technical Univ. (CTU), Prague, Czech Rep.

“Digital to Material”, March 2005
Spring 2005 Lecture Series, College of Design, North Carolina State University, Raleigh

“Digital to Material”, February 2005
Spring 2004 Lecture Series, Dept. of Architecture, Penn State University, State College

“Digital to Material”, June 2004
Technology Lecture Series, AIA Philadelphia

“Digital to Material”, April 2004
Spring 2004 Lecture Series, School of Arch. and Design, Philadelphia University

“Digital to Material”, January 2004
Spring 2004 Lecture Series, College of Arch. and Planning, Ball State Univ. Muncie,
Indiana

“Digital Age Architects: Information Master Builders?”, November 2003
Fall 2003 Lecture Series, School of Design, Florida International University, Miami

“Digital to Material”, October 2003
Fall 2003 Lecture Series, School of Arch. New Jersey Univ. of Tech. (NJIT), Newark

“Digital and Material”, October 2003
Fall 2003 Lecture Series, California College of Arts (CCA), San Francisco

“Digital and Material”, October 2003
Fall 2003 Lecture Series, Department of Architecture, University of California at Berkeley

“From Clicks to Bricks: Digital Technology and its Impact on Architectural Practice”
Technology Lecture Series, AIA New York, June 2003

“From Clicks to Bricks: Digital Tectonics & New Synergies”, March 2003
Spring 2003 Design Computation Lecture Series, Dept. of Arch., MIT, Cambridge