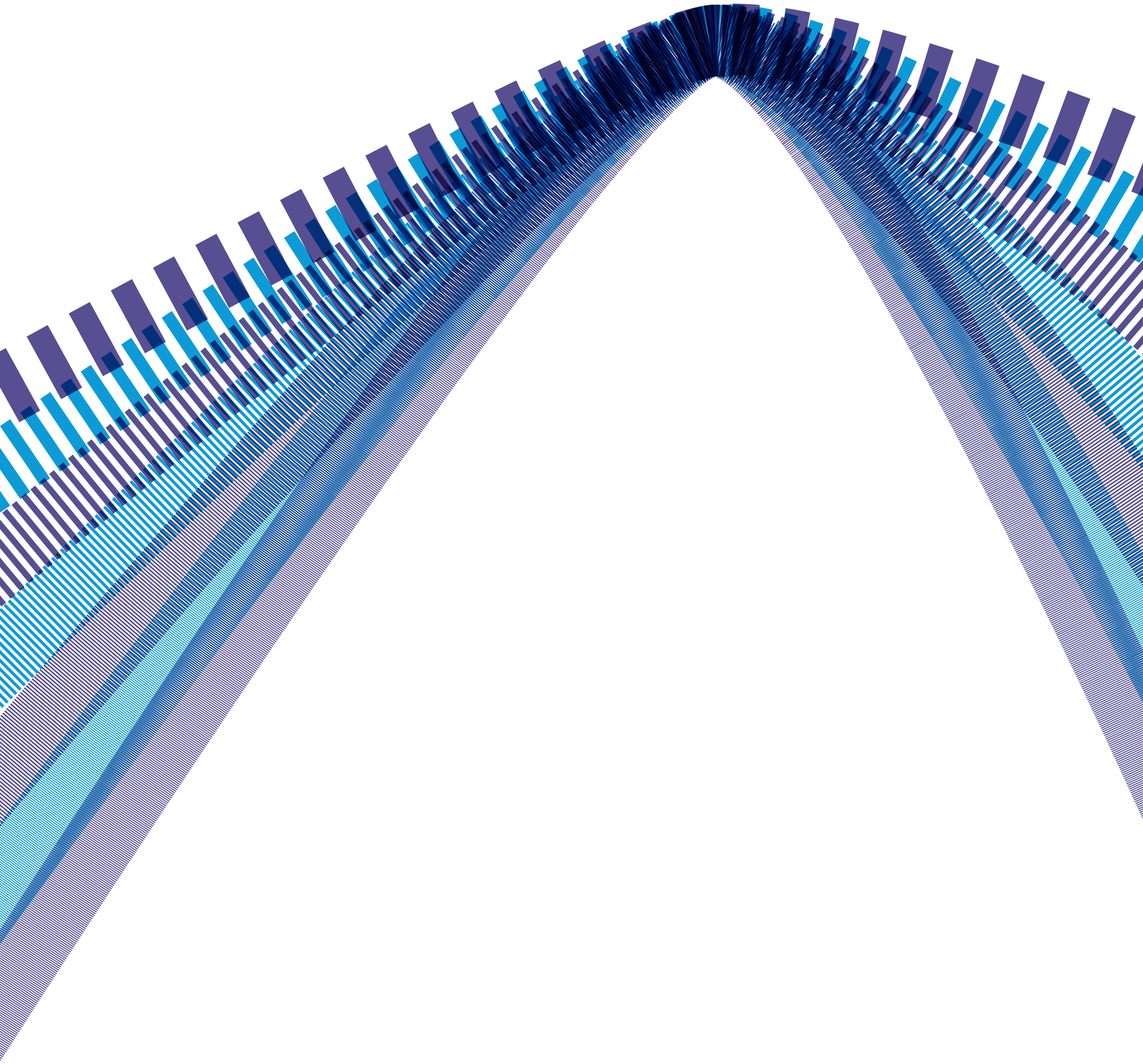

POST DUCTILITY

Metals in Architecture and Engineering

The Third Columbia Conference on Architecture, Engineering and Materials

September 30—October 2, 2009

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The Third Colum a Conference On Architecture, Engineering and Materials
September 30— tober 2, 2009
The Graduate Sch l of Architecture, Planning and Preservation
Columbia Universit n the City of New York

Metals, as surface or structure—as t enerators of space—play a role in nearly every stra modernization in architecture. They define compl eographies of work, production and political life. No hitectural metals delivered in automobiles and hard ds in the United States and worldwide have all bee rced as the engines of the sprawling late twentieth tury city in all of its forms. But in the received aspec architectural history, metals, and in particular steel, in less diluted; they are presented as intrinsic to the ession as material precedes concepts—they are car of architectural meaning.

Bringing together a wide range of leading architects, engineers, and scholars, the Columbia Conferences on Architecture, Engineering and Materials are part of a multi-year project to explore the dramatically changing limits of known and new materials. In an era of rapid urbanization and within unprecedented forms of technical measurement, coordination, and production, we examine the increasingly blurred boundaries of professions and of materials. Do contemporary means of structural and material analysis suggest a way of modeling material attributes such that analysis itself might produce a new material and new practices? Do new techniques create a virtual strain or quasi-alloy, leading to a new realm of coordinated material action and conceptual action?

This conference on metals is the third in a series of conferences on architecture, engineering and materials. The conference explores the boundaries between architecture, engineering and materials science by mobilizing symposia, studios, exhibitions, books and films in an intensely focused investigation. How is a new generation of professionals and manufactures fusing engineering and architectural practices into new platforms for decisive urban action?

The expanding list of partici ting architects, engineers, historians and theorists includes:

Jose Rafael Moneo
Architect, Madrid
Graduate School of Design,
Harvard University
Keynote lecture

Paola Antonelli
Museum of Modern Art,
New York

Phillip Anzalone
GSAPP, Columbia University

Michael Bell
GSAPP, Columbia University

David Benjamin
GSAPP, Columbia University

Roberto Bicchiarelli
Permasteelisa Cladding
Technologies, Miami

Lise Anne Couture
School of Architecture,
Yale University

Anna Dyson
School of Architecture,
Rensselaer Polytechnic Institute

John Fernandez
Department of Architecture,
Massachusetts Institute
of Technology

Kenneth Frampton
GSAPP, Columbia University

Laurie Hawkinson
GSAPP, Columbia University

Juan Herreros
Escuela Técnica Superior
de Arquitectura, Madrid

Steven Holl
GSAPP, Columbia University

Keith Kaseman
GSAPP, Columbia University

Christoph Kumpusch
Department of Architecture,
Cornell University

Sanford Kwinter
Graduate School of Design,
Harvard University

Sylvia Lavin
partment of Architecture
Urban Design, University
lifornia, Los Angeles

Malekshahi
Bu pold, New York

Rona ayes
Engine
Simpson pertz & Heger,
San Fran

Rory Mc an
Engineer
ARUP, Beijing

Detlef Merti
School of Design,
University of Penns a

Christian Meyer
Department of Civil Engineering
and Engineering Mechanics,
Columbia University

Ana Miljacki
Department of Architecture,
Massachusetts Institute
of Technology

Toshiko Mori
Graduate School of Design,
Harvard University

Jorge Otero Pailos
GSAPP, Columbia University

Theodore Prudon
GSAPP, Columbia University

Jesse Reiser
School of Architecture,
Princeton University

Hilary Sample
School of Architecture,
Yale University

Hans Schober
Engineer
Schlaich Bergermann
& Partner, Stuttgart

Matthias Schuler
Engineer
TRANSSOLAR, Stuttgart

Craig Schwitter
Engineer,
Buro Happold, New York

Felicity Scott
GSAPP, Columbia University

Werner Sobek
Engineer
Werner Sobek Engineering
and Design, Stuttgart

Galia Solomonoff
GSAPP, Columbia University

Man-Chung Tang
Engineer
T.Y. Lin International,
San Francisco

Heiko Trumpf
Engineer
Werner Sobek Engineering
and Design, Stuttgart

Nanako Umemoto
Graduate School of Design,
Harvard University

George Wheeler
GSAPP, Columbia University

Mark Wigley
Dean
GSAPP, Columbia University

Mabel Wilson
GSAPP, Columbia University

Convened by The Graduate School of Architecture, Planning and Preservation, Columbia University in the City of New York
Mark Wigley, Dean

Michael Bell, Conference
Chair and Professor

In collaboration with The Fu Foundation School of Engineering and Applied Science, Columbia University in the City of New York
Christian Meyer, Chair and Professor

The conference will be accompanied by an installation curated by Rosana Rubio-Hernandez with assistance by Alejandro de Castro Mazarro.On display in Avery Hall, 200 Level, September 30–October 9

Event sponsors

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of Steel Construction
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or contact Benjamin Prosky, Director of Special Events, at 212 854 9248 or postductility@columbia.edu