



**GLOBAL PRACTICES**  
**ARCHITECTURE & URBANISM IN CHINA**

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**2011** FALL PRACTICE SYMPOSIUM 09.08-09  **SoADA**  
SCHOOL OF ART, DESIGN  
& ARCHITECTURE

# A LETTER FROM THE SYMPOSIUM COORDINATORS

Welcome to the inaugural Judson University Fall Practice Symposium. This year marks the 14th year of architecture education at the University. One of my passions is to mature our program to international relevancy, both in terms of architecture education and international outreach. The Fall Practice Symposium is envisioned to create professional content and networking opportunities for students, faculty, staff, and the practitioners in the Chicago metro area. It is provided as a community service to the profession, partnering with the regional AIA chapters, ALA, ACSA, NOMA, and Arquitectos. It is our first effort of this sort at Judson, and we look forward to offering a great series of speakers and content over the course of the event.

I would like to thank my friend and professional colleague Mr. Kim Clawson for serving as co-chair and his incredible help in securing expert speakers on the subject of this year's symposium. He was able to pull together a remarkable group of speakers for us, and I am personally grateful to him for supporting our program and the symposium in this way. Secondly, I would like to thank Dr. Liu Linan for visiting our University this week and speaking in the symposium. Judson University continues to develop a relationship with the Beijing University of Civil Engineering and Architecture, where Dr. Liu is the Dean of the School of Architecture. The annual symposia will strive to provide content that is relevant and valuable to the local practice community, and hope that this service to the profession can evolve.



**Prof. Keelan Kaiser**

AIA, LEED® AP

Chair of the Department of Architecture, Judson University



*PROF. KEELAN KAISER*



*KIM CLAWSON*

**THANK YOU  
FOR YOUR SUPPORT**



THURSDAY, SEPTEMBER 8, 2011

6:30 PM

HERRICK CHAPEL OPENS

# GORDON GILL

ADRIAN SMITH + GORDON GILL ARCHITECTS

7:00 PM

## KEYNOTE LECTURE PERFORMATIVE DESIGN AND URBANISM IN CHINA

Gordon Gill is an architect and one of the world's preeminent exponents of performance-based design. His work, which ranges from the world's largest buildings to elements of a single home, is driven by his philosophy that there is a language of performance: a purposeful relationship between design and the performance criteria placed upon the subject. A founding partner of the award-winning Adrian Smith + Gordon Gill Architecture (AS+GG), Gill's work includes the design of one of the world's most sustainable skyscrapers, Pearl River Tower (designed at Skidmore, Owings & Merrill LLP, Chicago), and the world's first large-scale positive energy building, Masdar Headquarters. These landmark projects achieve energy independence by harnessing the power of natural forces on site, striking a balance with their environmental contexts. Gordon has also designed performing arts centers, museums, schools, civic spaces and urban master plans across the globe. Gordon's work has been published and exhibited widely in the United States and internationally. The American Institute of Architects has repeatedly recognized his designs and in 2009, The Chicago Reader selected him as Chicago's Best Emerging Architect. Prior to founding AS+GG in 2006, Gordon was an Associate Partner at Skidmore, Owings & Merrill (SOM) and a Director of Design for VOA Associates. Most recently, he co-founded PositivEnergy Practice, a consulting firm that designs and implements energy and carbon reduction strategies for clients around the world.

Designing buildings and urban master plans for the booming Chinese market presents both opportunities and challenges



WUHAN GREENLAND CENTER  
WUHAN, CHINA  
© ADRIAN SMITH + GORDON GILL ARCHITECTURE

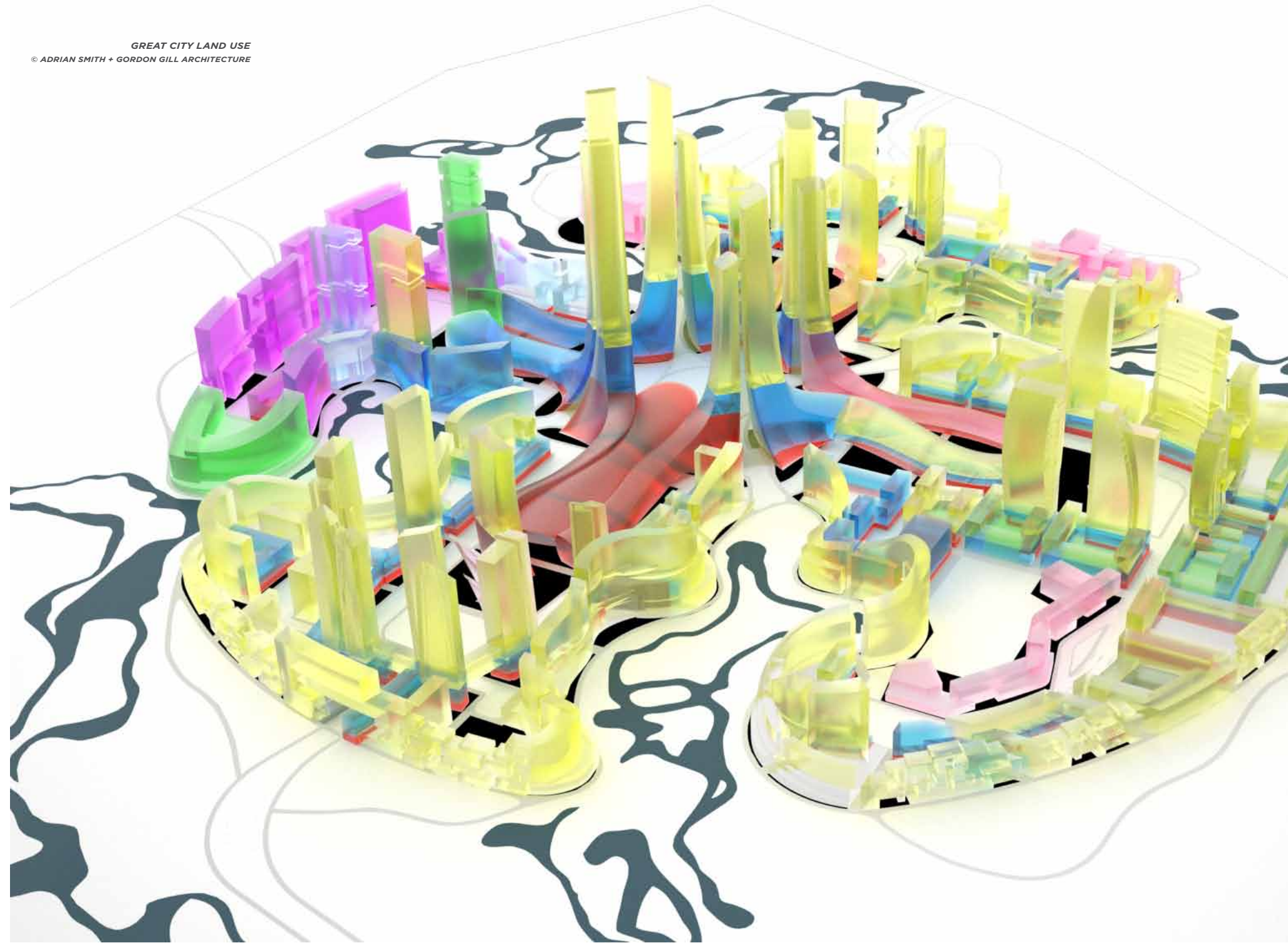


for American architects. Gill, who has co-designed several of AS+GG's recent projects in China, will discuss the unique conditions related to working within this global superpower. He will discuss AS+GG's designs for Wuhan Greenland Center, a 606-meter tower in Wuhan, China, and a new highly sustainable satellite city that will provide a vital live-work environment for 100,000 people on a 1-square-kilometer site. He will also discuss his design for Pearl River Tower, scheduled to open this fall in Guangzhou, China, as the world's most sustainable supertall tower. Along the way, he will explain the AS+GG design philosophy, which begins with extensive environmental analysis, which in turn informs a range of passive strategies to maximize energy efficiency—including shading, natural ventilation and daylighting—as well as onsite energy generation from renewable sources, including sun, wind and geothermal. He will buttress these points with references to AS+GG's greening and modernization of Chicago's Willis Tower and the firm's award-winning Chicago Central Area DeCarbonization Plan, a comprehensive vision to help the city meet its carbon reduction goals in the downtown Loop.

8:30 PM

## HERRICK CHAPEL CLOSES

*GREAT CITY LAND USE*  
© ADRIAN SMITH + GORDON GILL ARCHITECTURE



FRIDAY, SEPTEMBER 9, 2011

**7:45 AM**      **REGISTRATION DESK OPENS AT HEERRICK CHAPEL**

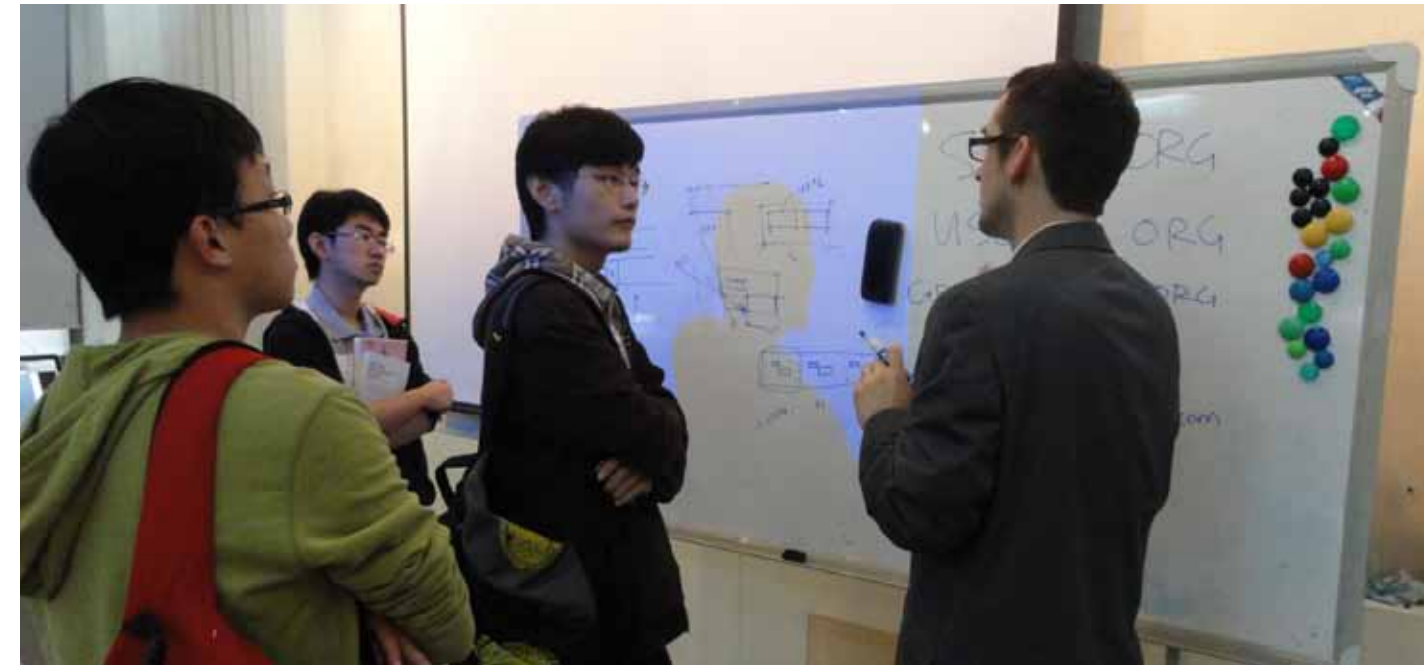
**8:30 AM**      **DESTINATION CHINA: WHY INTERNATIONAL TRAVEL, PARTICULARLY TO CHINA, IS CRITICAL FOR ARCHITECTURE STUDENTS**

# PROF. KEELAN KAISER

AIA, LEED® AP, CHAIR OF THE DEPARTMENT OF ARCHITECTURE,  
JUDSON UNIVERSITY

Keelan P. Kaiser is a practicing architect and educator. He explores contemporary practice and education through a lens of passivity or passive systems including daylighting, passive solar and natural ventilation. He is involved with the AIA/SBSE Carbon Neutral Design Studio Curriculum Project, an international education resource development initiative for developing and refining architecture pedagogy in conjunction with the 2030 Challenge. He believes the creation of healthy buildings that lead to improved quality of life and edify the human spirit are among the highest callings of the architect.

Professor Kaiser is developing international academic exchange relationships with a current focus on China and South Korea. He will speak on the subject of university exchange programs, particularly the surging academic interests in Sino-US exchanges, and will also speak on the Canberra Accord, an international accreditation system recognition agreement between the United States and China for the portability of accredited architecture education credentials.



PROF. KAISER VISITING  
BEIJING UNIVERSITY OF CIVIL ENGINEERING  
AND ARCHITECTURE IN 2010



STUDENT WORK  
 BEIJING UNIVERSITY OF CIVIL ENGINEERING  
 AND ARCHITECTURE

9:00 AM THE CHANGING CITYSCAPE OF BEIJING IN THE RECENT 200 YEARS

**DR. LINAN LIU**  
 DEAN, BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE



Liu Linan is Professor and Architectural Historian of Beijing University of Civil Engineering and Architecture, and the Dean of School of Architecture and Urban Planning. He graduated from the Xian University of Architecture and Technology, where he earned his Bachelor's Degree in Architecture, and his Master's Degree and Doctorate in Architectural Theory and History. He has been engaged in the teaching and studies of Chinese architectural history, the conservation of architectural heritage, the comparison of urban culture and has paid frequent academic visits to universities and institutes home and abroad. He has written for several publications and earned a variety of accolades for his research and work on these topics.

Beijing, as the Capital of the People's Republic of China, has a long history of urban construction that can be traced back to the third century B.C. The fundamental figuration of city that was formed as early as the thirteenth century, when the Emperor Kublai Khan made the decree of building Beijing as the capital of his vast territory. Although the city had a lengthy depression period after the end of the Yuan Dynasty, it was rebuilt as the capital during the Ming (1421-1644 A.D.) and the Qing (1644-1912 A.D.) dynasties from the early fifteenth century. The urban figuration of Beijing was strictly planned and rapidly constructed according to the traditional norms and rites, which were mostly derived from the Confucianism. Today the urban scale, layout, texture, pattern and structure of the old cityscape can be clearly observed through the archive records. This lecture will show the old Beijing's cityscape via those historic records, drawings and photos, and present the dramatic changes of Beijing in the last two centuries.

9:50 AM

**AMERICAN AND EUROPEAN ARCHITECTS IN CHINA:  
GLOBAL PRACTICE IN HISTORICAL CONTEXT**

**DR. JHENNIFER  
AMUNDSON**

DEPARTMENT OF ARCHITECTURE, JUDSON UNIVERSITY

Dr. Amundson holds a Bachelor of Science in Architectural Studies and a Master of Architecture from the University of Illinois. She earned her doctorate degree from the University of Delaware, for which she wrote a dissertation on Thomas U. Walter (1804-87), the pioneer in American architectural theory and iron construction and founder of the A.I.A. Her scholarship, which has been supported by grants from the Athenaeum of Philadelphia, United States Capitol Historical Society, Winterthur Library and Museum, the Graham Foundation and the National Endowment for the Humanities, focuses on nineteenth-century architecture design, theory, technology and practice. Her publications include *Thomas U. Walter: The Lectures on Architecture* (Athenaeum of Philadelphia, 2006) and chapters in the books *Commemoration and the American City* (University of Virginia Press, 2012) and *American Architects and Their Books, 1840-1914* (University of Massachusetts Press, 2007). She is currently at work on a full monograph on Walter, tentatively titled *Thomas U. Walter: Theory and Professionalism in American Architecture*. Although primarily a historian on subjects within what is normally called the “western” tradition, Amundson holds a strong personal and academic interest in the independent and indigenous traditions of Chinese imperial architecture, and the cultural potentials and limitations posed by American and European architects practicing in China.

Western architects have a history of engagement with China that dates back centuries. Eighteenth-century designers from Charlottesville to Munich drew inspiration from Chinese aesthetics for picturesque gardens and exotic palaces. In the next century their professional descendents took advantage of



newly opened trade routes and missionary activity to introduce European architectural styles in China with the construction of merchants’ offices and Protestant churches. The recent rush of development can be seen in these historic terms, as contemporary architects contend with both the attraction of drawing from foreign tradition and the impulse to import their own conventions into a new setting. This context, which illustrates both the promise and limitations of architects’ reaping and sowing in China, can be instructive to future waves of practitioners who travel abroad to take part in the maturing of global practice.

10:20 AM

**BREAK**



# Symphony Hall

## Fergus Falls, Minnesota

the capstone building of a thriving arts community



- program brief ::
- 1,000 seat auditorium
  - mixed-use building with retail at street level
  - 3 stories :: 84,000sf + substructure
  - flexible auditorium for banquets + events
  - 2 story foyer
  - river view lounge+gallery
  - rehearsal + practice rooms
  - "center for the arts" offices

longitudinal section

STUDENT WORK  
 BEIJING UNIVERSITY OF CIVIL ENGINEERING  
 AND ARCHITECTURE

STUDENT WORK  
 JUDSON UNIVERSITY

10:35 AM

10 STRATEGIES FOR A POST-BUBBLE AGE

# PROF. THOMAS KONG

THE SCHOOL OF THE ART INSTITUTE OF CHICAGO

Thomas Kong is the Director for the Undergraduate Architecture and Interior Architecture programs at The School of the Art Institute of Chicago, and a licensed architect in Singapore. He graduated with a Master of Architecture from Cranbrook Academy of Art, USA on a merit scholarship, and was awarded a distinction in his final year of study. His research and creative practice are centered on architecture as anthropological objects and the cultural geographies of Asian cities. He has written and lectured in international conferences on themes relating to the role of public spaces in Asian cities, and has received national and international recognitions for his research revolving around social and cultural concerns in design. Most recently, he was the third Jaap Bakema Fellow, a competitive international fellowship administered by the Netherlands Architecture Institute and a co-recipient of the Motorola Foundation grant for his joint interdisciplinary design studio based in Beppu, Japan, and Chicago. Kong will also be an invited delegate to the Urban Age Conference on Cities, Health and Wellbeing organized by the London School of Economics.

Drawing from the rich and diverse forms of spatial appropriation, urban encounters and material improvisation in Hong Kong and other Asian cities, Kong will present alternative strategies for a more socially attentive, broader and contingent practice of architecture in a Post Bubble age. The traveling research was made possible by a one-year fellowship from the Netherlands Institute of Architecture.



11:05 AM

CATCH UP: THE RECENT PAST AND THE NEAR FUTURE OF TALL BUILDINGS IN CHINA

# JAN KLERKS

COUNCIL ON TALL BUILDINGS AND URBAN HABITAT (CTBUH)

The tall building is a significant feature and phenomena of the new China, and the understanding of them is an essential part in understanding the overall state of art and future direction of architecture and planning in China. Jan Klerks is responsible for creating knowledge on tall buildings by initiating and conducting research, editing books about this topic and writing articles and reviews for CTBUH. He is the editor of the CTBUH Journal and has built the online tall buildings database. He is the author of several articles in professional magazines, and is a seasoned speaker at international conferences, including within the past three years, China, India, the Middle East, Europe, and North America.

Mr. Klerks graduated from the Erasmus University of Rotterdam, the Netherlands, where he obtained master degrees in economics and sociology. For his final thesis Mr. Klerks did research on high-rise living in Rotterdam. Prior to relocating to Chicago, Mr. Klerks was the Executive Director of the Dutch Council on Tall Buildings, an active local sister organization to the CTBUH. In this position, he was responsible for organizing conferences, publishing newsletters, conducting study projects, supporting high-rise related activities and maintaining the professional network in the Netherlands.

Founded in 1969, the Council on Tall Buildings and Urban Habitat (CTBUH) is based at the Illinois Institute of Technology. The CTBUH mission is to disseminate multi-disciplinary information on tall buildings and sustainable urban environments, maximize the international interaction of professionals involved in creating the built environment, and make the latest knowledge available to professionals in a useful form. The Council is an international not-for-profit organization supported by architecture, engineering, planning, development, and construction professionals. The CTBUH is the world's



leading body in the field of tall buildings and the recognized source of information on tall buildings internationally. It is the arbiter of the criteria upon which tall building height is measured and thus determines "The World's Tallest Building."

12:00 PM LUNCH

1:00 PM SMALL FIRMS ENGAGING CHINA PRACTICE: ONE YEAR AND COUNTING - OCULUS ARCHITECTURE

# PAUL STERNER

AIA, LEED® AP, PRESIDENT AND FOUNDER OF OCULUS ARCHITECTURE® BASED IN METROPOLITAN CHICAGO



Paul Sterner is the President and Founder of Oculus Architecture® based in metropolitan Chicago. Oculus is a small but growing firm involved in both architecture and urban planning. The firm recently established an alliance partner in Chongqing, and through this collaborative effort, won a limited competition for the master plan of a city district south of Guangzhou. Mr. Sterner will discuss his very recent experiences of entering the market and working in China.

Mr. Sterner has been the recipient of several design awards including first place in the 1996 International Building-Integrated Photovoltaic Design Competition, sponsored by the U.S. Department of Energy, National Renewable Energy Laboratory, Architecture Magazine, Cooper-Hewitt Smithsonian Museum, and the AIA. He was also the chairman for the first Illinois Comprehensive Renewable Energy Conference held in Rockford, Illinois in 2002. Sterner is also a member of the Riverside Illinois Plan Commission which collaborated closely with Camiros, Ltd. of Chicago from 2006 to 2007, which revised the historic Frederick Law Olmsted Planned Village Residential Ordinance and created a new form based code. This residential code won a Gold Award presented in 2007 by the Illinois Chapter of the American Planning Association.

北京建筑工程学院 建筑与城市规划学院  
BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE SCHOOL OF ARCHITECTURE AND URBAN PLANNING

城市规划学院 二年级  
城市规划专业 建筑设计及其原理  
[学载体] 界上建造

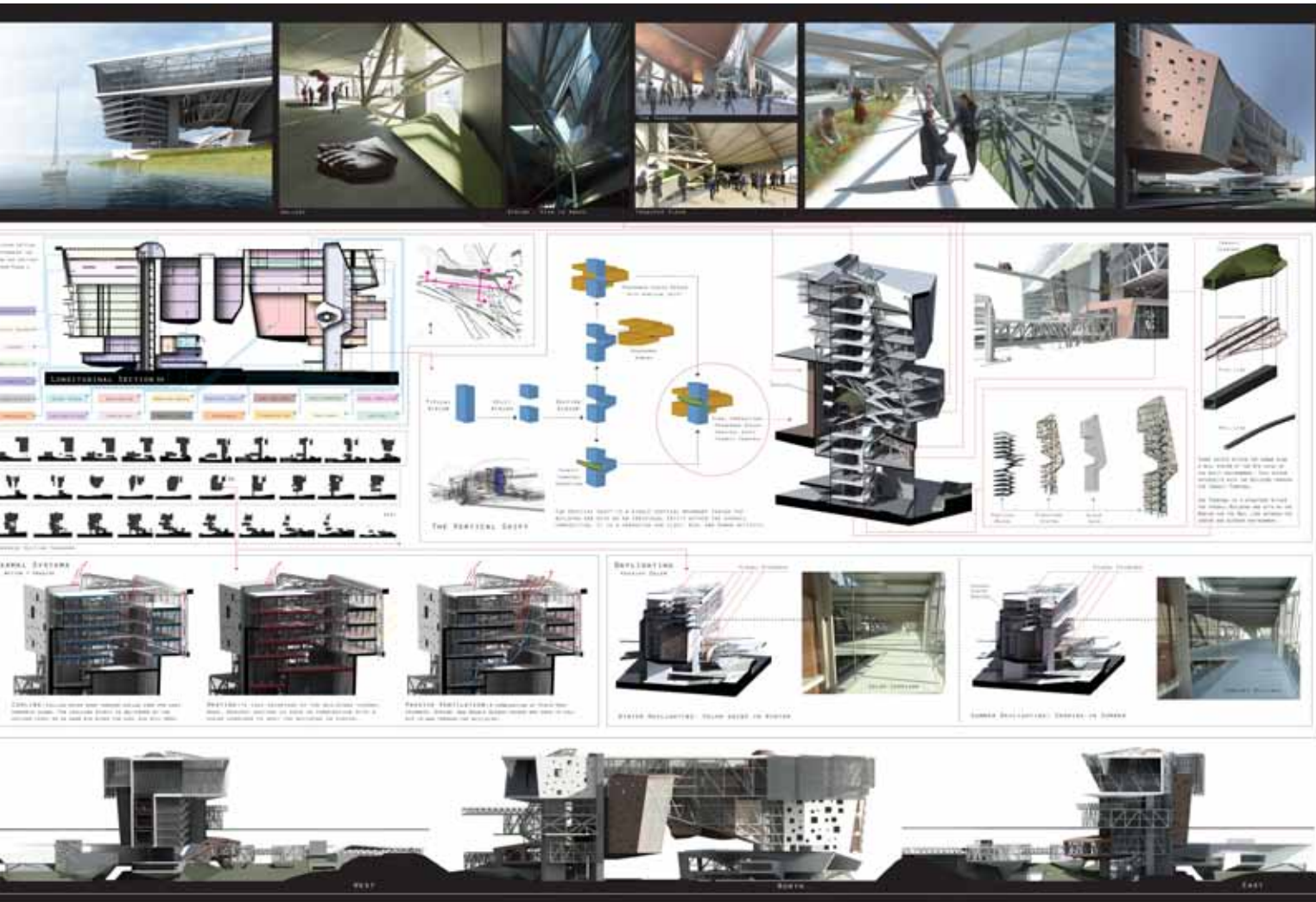
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### 界上的建造——褶 (2)

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STUDENT WORK  
BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE



STUDENT WORK  
JUDSON UNIVERSITY

1:25 PM

**SMALL FIRMS ENGAGING CHINA PRACTICE: EIGHT YEARS AND COUNTING - MCBRIDE KELLEY BAURER ARCHITECTS**

# CLARK BAURER

AIA, SE; PRINCIPAL, MCBRIDE KELLEY BAURER ARCHITECTS, CHICAGO AND BEIJING



While directing the Beijing office of the firm for eight years, Clark Baurer and his wife resided in and attempted to immerse themselves into the culture of China. As a result, he holds a distinct perspective after living there nearly full time during those eight years, with a focus in Beijing.

As the Director of China Operations for McBride Kelley Baurer Architects, Clark led numerous civic and community based projects. Recent projects include the two million square feet, mixed-use Xing Fu San Cun project in Beijing's San Li Tun area and several buildings for the Western Academy of Beijing. In addition, the firm worked with United Nations Educational, Scientific and Cultural Organization and donated design services for the new Peng Cheng School for the Mentally Handicapped in XuZhou, China; the Ma He School in rural Henan Province. Baurer has been a Vice-Chair of the American Chamber of Commerce in Beijing and a member of the Western Academy of Beijing Design and Construction Steering Committee.

2:10 PM

**MEDIUM SIZE FIRMS ENGAGING CHINA PRACTICE: SIXTEEN YEARS AND COUNTING - GOETTSCHE PARTNERS**

# PAUL DESANTIS

LEED AP, PRINCIPAL, GOETTSCHE PARTNERS; CHICAGO AND SHANGHAI



Paul De Santis is a principal and senior project designer at Goettsch Partners. With 13 years of experience, he has risen quickly within the profession and, today, serves as the lead

designer on most of the firm's projects in China. Traveling frequently between the firm's Chicago and Shanghai offices, Mr. De Santis directs designs for large-scale office, hotel and mixed-use developments.

Recent work includes the 40-story, 121,000-square-meter Nexus Center office tower in Beijing; the 37-story, 186,000-square-meter Grand Hyatt Chengdu at Chicony Plaza mixed-use development; and the 92-story, 295,000-square-meter Tianjin R&F Guangdong Tower, which will be one of China's tallest buildings.

Mr. De Santis was named "Emerging Architect" in the 2010 Best of Chicago edition of Chicago Magazine. He received his Bachelor of Architecture from Virginia Polytechnic Institute and State University.

3:00PM

### LARGE FIRMS ENGAGING CHINA PRACTICE: FROM THE BEGINNING OF 1900, TO 25 YEARS OF SKIDMORE, OWINGS AND MERRILL IN CHINA, TO OPPORTUNITIES TO MAKE BETTER CHINESE CITIES

## LUKE LEUNG

PE, LEED® AP; DIRECTOR OF THE SUSTAINABLE ENGINEERING STUDIO, SKIDMORE, OWINGS AND MERRILL LLP; CHICAGO, SHANGHAI, HONG KONG

Born and raised in Hong Kong, Mr. Leung later earned his education in the United States and now resides here. As a result, he lends a distinct perspective of both Chinese and American architectural practices to this seminar. As a mechanical engineer who has worked with several exceptionally noted and talent architectural designers, Leung is a mechanical engineer immersed in and responsible for sustainable design work all over the planet, and works to develop solutions that optimize passive opportunities as well as utilizing existing and advanced technology.

The experience of SOM in China extends back to the late 1970s when the firm established an office in Hong Kong. It continues



today with a broad variety of architectural and planning projects both in design and under construction. Mr. Leung has two decades with SOM, including significant involvement on a number of large projects in China, the United States, and the Middle East. Most notable is the Burj Khalifa, the world's tallest building.

Leung has twice been a recipient of the "Excellence in Engineering" award from the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) Illinois Chapter; is a voting member of the ASHRAE Technical Committee on Tall Buildings; a member of the Chicago Committee on High Rise Buildings; a member of the Department of Energy Net Zero Energy Building Consortium; and a committee member of the Chicago Sister Cities Program with Shanghai.

3:55PM

### CLOSING ANNOUNCEMENTS, RECEPTION AT THE DRAEWELL GALLERY, TOURS OF THE WEBER CENTER

## DR. CURTIS SARTOR

DEAN OF THE SCHOOL OF ART, DESIGN AND ARCHITECTURE, JUDSON UNIVERSITY



4 Building Types



Figure Ground



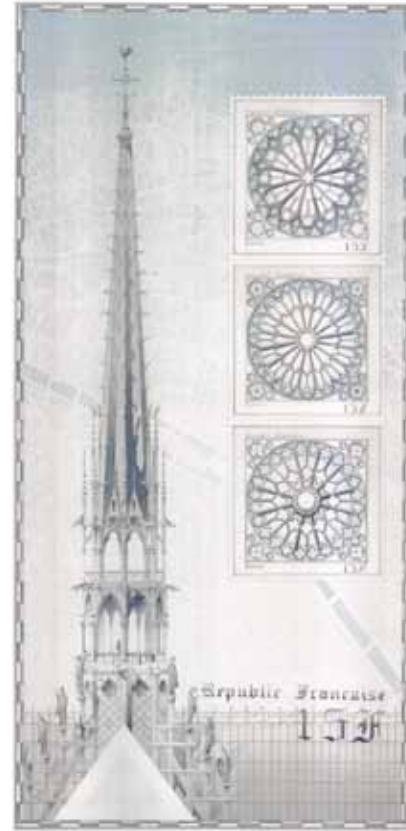
Building Types



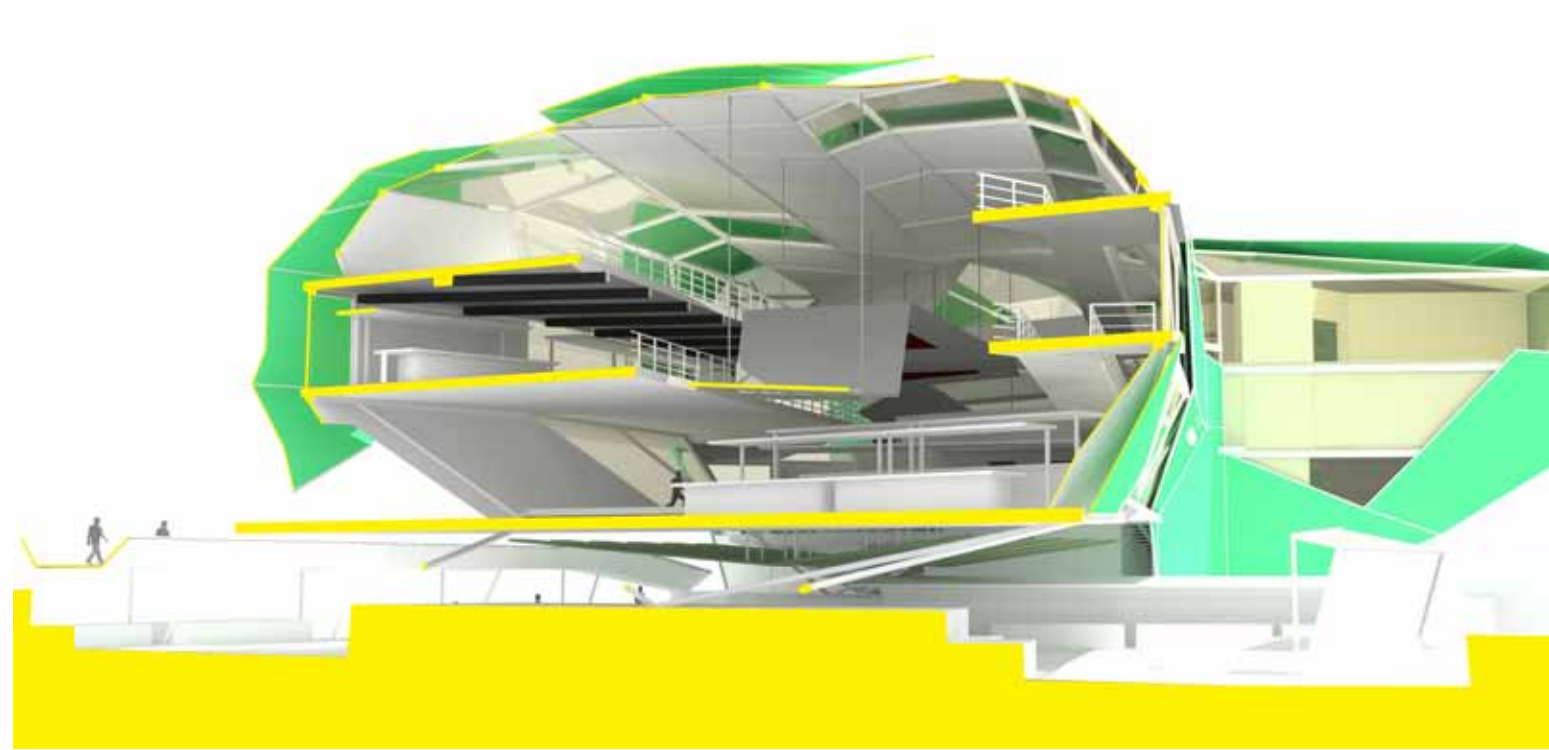
Figure Ground



Annapolis, MD  
Urban Morphology



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