

CTBUH 8th World Congress, Dubai. Day 1: Monday, 3 rd March		Day 1 Theme: Tall & Green - Urban Sustainability		
7.30 – 9.00	BREAKFAST AND REGISTRATION			
9.00 – 9.15	WELCOME	David Scott, <i>CTBUH Chairman</i>		
9.15 – 10.45	TOPIC	PLENARY SESSION 1: TALL BUILDINGS & SUSTAINABLE CITIES: DUBAI, CHICAGO, LONDON – Baniyas Ballroom		
	CHAIR	David Scott, <i>CTBUH Chairman</i>		
	SPEAKER 1	HE Hussain Nasser Lootah, <i>Dubai Municipality</i> , The Sustainable Vision of Dubai		
	SPEAKER 2	Sadhu Johnston, <i>City of Chicago</i> , Chicago: Building a Green City		
	SPEAKER 3	Peter Wynne Rees, <i>City of London</i> , It's not what you build, but the place where you build it: Urban Sustainability in London		
	PANEL / Q & A			
10.45 - 11.15	BREAK, sponsored by DeSimone Consulting			
11.15 - 12.45	TOPIC	T1: URBAN SUSTAINABILITY – Baniyas 2	T2: SUSTAINABLE STRUCTURAL – Baniyas 1	T3: MIDDLE EAST EXPERIENCES – Baniyas 3
	CHAIR	Alastair Collins, <i>Davis Langdon</i>	Bart Sullivan, <i>WSP Cantor Seinuk</i>	Richard Marshall, <i>Woods Bagot</i>
	SPEAKER 1	Habiba Al Marashi <i>Emirates Environmental Group</i> From Tallest to Greenest -Paradigm Shift in Dubai	Werner Sobek <i>Werner Sobek Ingenieure</i> Sustainable Tall Buildings – Introductory Remarks	Shaun Killa <i>Atkins</i> Wind Energy: Bahrain World Trade Centre & Beyond
	SPEAKER 2	Ken Yeang <i>Llewelyn Davies Yeang</i> Ecoskyscrapers & Ecomimesis: New tall typologies	Akbar Tamboli <i>Thornton Tomasetti</i> Tall Buildings: Sustainable Structural Design Options	Andy Davids <i>Hyder Consulting</i> Postcard from the Gulf
	SPEAKER 3	Alistair Guthrie <i>Arup</i> Tall Buildings: Sustainability from the Ground Up	Kerry Galbraith <i>KEO International Consultants</i> Structural Sustainability in the Gulf - Fact and Fiction	David Fisher <i>Dynamic Architecture Group</i> Rotating Tower Dubai
	SPEAKER 4	Lee Morris <i>Atkins</i> Towards a 21st Century Post-Carbon Urban Society	Kyoung Sun Moon <i>University of Illinois at Urbana-Champaign</i> Material-Saving Strategies for Tall Bldg Structures	Hande Unlü <i>University of Tokyo</i> High-Rise Office Inhabitants: Istanbul Case Study
	Q & A			
12.45 – 1.45	LUNCH, sponsored by Autodesk			
1.45 – 3.15	TOPIC	T4: SUSTAINABILITY: BOTTOM LINE – Baniyas 2	T5: SUSTAINABLE MEP – Baniyas 1	T6: ASIAN EXPERIENCES – Baniyas 3
	CHAIR	Stephen DeSimone, <i>DeSimone Consulting</i>	Geoff Hardy, <i>AECOM</i>	Ahmad Abdelrazaq, <i>Samsung Corporation</i>
	SPEAKER 1	Alastair Collins & Steve Watts <i>Davis Langdon LLP</i> The Economics of Sustainable Tall Buildings	Johannes De Jong <i>KONE</i> Advances in Sustainable Elevator Technology	Gary Lawrence <i>Arup</i> Dongtan Eco-city
	SPEAKER 2	Michael Deane <i>Turner</i> The Builder's Role in delivering Sustainable Tall	Lester Partridge <i>AECOM</i> Case Study: Greening an existing Skyscraper	Roger Frechette <i>SOM</i> Towards Carbon Neutral: Pearl River Delta Tower
	SPEAKER 3	Antony Wood <i>Illinois Institute of Technology / CTBUH</i> Green or Grey? The Aesthetics of Tall Sustainability	Brian Ford <i>University of Nottingham</i> Natural Ventilation Strategies for Tall Buildings	Matthias Olt & James Rothwell <i>Callison</i> S. Korea/Vietnam: Referencing Culture Thro' Architre.
	SPEAKER 4	Gordon Gill & Robert Forest <i>Adrian Smith + Gordon Gill</i> Global Environmental Contextualism	Seifu Bekele & Ian Jones <i>Vipac Engineers & Scientists Ltd</i> Microclimate Study: City in Hot & Humid Climate	Sudhir Jambhekar & Peter Weingarten <i>FX Fowle</i> India: A Sustainable Approach To Building Tall
	Q & A			
3.15 – 3.45	BREAK, sponsored by DeSimone Consulting			
3.45 – 5.15	TOPIC	T7: SUSTAINABLE THEMES – Baniyas 2	T8: ENERGY CREATION AT HEIGHT – Baniyas 1	T9: N. AMERICAN EXPERIENCES – Baniyas 3
	CHAIR	Erin Rae Hoffer, <i>Autodesk</i>	Stephen Oehme, <i>Hyder</i>	Timothy Johnson, <i>NBBJ</i>
	SPEAKER 1	Mir Ali & Paul Armstrong <i>University of Illinois at Urbana-Champaign</i> Sustainable Design Factors in High-Rise	Roy Denoon <i>CPP</i> Harvesting Wind Power from Tall Buildings	Stephen DeSimone <i>DeSimone Consulting Engineers</i> Building Tall: A renewed urban imperative
	SPEAKER 2	Shyam Sunder & Barbara Lippiatt <i>NIST</i> Metrics and Tools for Tall and Green Buildings	Luke Leung & Peter Weismantle <i>SOM</i> Sky Sourced Sustainability	John Lahey & Ron Klemencic <i>Solomon Cordwell Buenz & Magnusson Klemencic</i> A tale of two cities: Two residential towers
	SPEAKER 3	Philip Oldfield <i>University of Nottingham & Illinois Institute of Tech.</i> Five Energy Generations of Tall Building	Peter Irwin <i>RWDI</i> Friend or Foe? Wind at Height	Jeffrey Heller & Clark Manus <i>Heller Manus</i> San Francisco: Promoting Sustainability
	SPEAKER 4	Dickson Despommier & Eric Ellingsen <i>Columbia University & Illinois Institute of Technology</i> Vertical Farm: sustainable urban agriculture	Peter Land <i>Illinois Institute of Technology</i> Innovations in Sustainability: Experimental Tall Bldgs	Barry Charnish <i>Halcrow Yolles</i> The Bow; Unique Diagrid Structural System
	Q & A			
6.30 – 8.00	WELCOME COCKTAIL RECEPTION, Jumeirah Beach Hotel, Sponsored by AECOM			

CTBUH 8th World Congress, Dubai. Day 2: Tuesday 4 th March		Day 2 Theme: Mega Projects			
8.00 – 9.00 BREAKFAST AND REGISTRATION					
9.00 – 9.15	WELCOME	Antony Wood, <i>CTBUH Executive Director</i>			
9.15 – 10.45	TOPIC	PLENARY SESSION 2: THE WORLD'S TALLEST: Burj Dubai – Baniyas Ballroom			
	CHAIR	Mark Amirault, <i>Emaar</i>			
	SPEAKER 1	HE Mohamed Ali Alabbar, <i>Emaar</i> , A Vision for the World's Tallest			
	SPEAKER 2	Adrian Smith, <i>Adrian Smith + Gordon Gill</i> , Designing the Burj Dubai			
	SPEAKER 3	William Baker, <i>Skidmore Owings & Merrill</i> , Engineering the World's Tallest			
	PANEL / Q & A				
10.45 - 11.15 BREAK					
11.15 - 12.45	TOPIC	T10: BURJ DUBAI – Baniyas 2	T11: INSTANT CITIES: KOREA – Baniyas 1	T12: INTERNATIONAL TALL OVERVIEW – Baniyas 3	
	CHAIR	Nicholas Billotti, <i>Turner</i>	Charles Reid, <i>Gale International</i>	Sang Dae Kim, <i>Korea University</i>	
	SPEAKER 1	Ahmad Abdelrazaq & Kyung Jun Kim <i>Samsung Corporation</i> Brief on the Construction Planning of the Burj Dubai	Christine Whitman & James Von Klemperer <i>Whitman Strategy Group & Kohn Pederson Fox</i> New Songdo City – The Making of a New Green City	Stephan Reinke <i>Woods Bagot</i> Tall Design Intelligence: International Perspective	
	SPEAKER 2	Jon Evenson & Aaron Vanney <i>Rolf Jensen Associates</i> Burj Dubai: Life Safety / Crisis Response Planning	Kwang Chung <i>Dongyang</i> Structural System of Songdo's NE Asia Trade Tower	Georges Binder <i>Buildings & Data SA</i> The 'International' Skyscraper: Observations	
	SPEAKER 3	Lee Herzog <i>Lerch Bates / Citadel</i> Cleaning Systems for the Burj Dubai	Panel Discussion: New Songdo City Charles Reid, Christine Whitman, James Von Klemperer & David Scott	Mahjoub Elnimeiri <i>Illinois Institute of Technology</i> Dubai Tower 29, Structure and Form	
	SPEAKER 4	Clyde Baker & Tony Kiefer <i>AECOM</i> Peer Review: Foundation Design, World's Tallest	Jong Soo Kim <i>CS Structural Engineering</i> Structural Design of Tall Bldg in Asan using Diagrid	Frits Scheublin <i>Eindhoven University of Technology</i> Tall in the Netherlands: Constraints to Innovation	
	Q & A				
12.45 – 1.45 LUNCH, sponsored by Gale International					
1.45 – 5.30	OPTIONAL PROGRAMMES	<p>Location: Off-site</p> <p>TECHNICAL TOUR OPTIONS (Note: For those pre-registered only)</p> <p>V1: BURJ DUBAI (CONSTRUCTION VISIT)</p> <p>V2: EMIRATES TOWERS</p> <p>V3: PALM JUMEIRAH</p> <p>V4: BURJ AL ARAB</p> <p>V5: INDEX TOWER (CONSTRUCTION VISIT)</p>		<p>Location: Baniyas 1</p> <p>SEISMIC DESIGN OF TALL BUILDINGS (CTBUH Working Group Feedback) Michael Willford, <i>Arup</i> & Ron Klemencic, <i>Magnusson Klemencic</i></p> <p>↓</p>	<p>Location: Baniyas 2</p> <p>AUTODESK EDUCATIONAL SESSION Erin Rae Hoffer, <i>Autodesk</i></p> <p>↓</p> <p>AIA MASTERSPEC EDUCATIONAL SESSION Christopher Bushnell, <i>ARCOM</i></p> <p>↓</p>
7.00 – 10.00 CONGRESS DINNER, Grand Hyatt Hotel, sponsored by Emaar					

CTBUH 8th World Congress, Dubai. Day 3: Wednesday 5 th March		Day 3 Theme: Latest Advances in Tall / Articulated / Sustainable Towers		
8.00 – 9.00 BREAKFAST AND REGISTRATION				
9.00 – 9.15	WELCOME	Antony Wood, <i>CTBUH Executive Director</i>		
9.15 – 10.45	TOPIC	PLENARY SESSION 3: TALL / ARTICULATED / SUSTAINABLE TOWERS – Baniyas Ballroom		
	CHAIR	Antony Wood, <i>CTBUH Executive Director</i>		
	SPEAKER 1	Rem Koolhaas, <i>OMA</i> , Challenging Preconceptions of the High-Rise Typology		
	SPEAKER 2	Ken Dalton, <i>AECOM</i> , Towards More Sustainable Tall Buildings		
	SPEAKER 3	Leslie Robertson, <i>LERA</i> , Shanghai World Financial Centre; Without Compromise.....		
	PANEL / Q & A			
10.45 - 11.15 BREAK				
11.15 - 12.45	TOPIC	T13: ALTRNTVE. DESIGN THINKING – Baniyas 2	T14: FAÇADES & STRUC. DYNAMICS – Baniyas 1	T15: EUROPEAN EXPERIENCES – Baniyas 3
	CHAIR	David Scott, <i>CTBUH Chairman / Arup</i>	Ibrahim Al-Saudi, <i>Saudi Oger</i>	Jan Klerks, <i>Dutch Council on Tall Buildings</i>
	SPEAKER 1	Hani Rashid <i>Asymptote</i> Elegance, Stature & Meaning in Tall Building Design	Karel Vollers <i>Delft University</i> Second-generation non-orthogonal high-rise façades	Kamran Moazami <i>WSP Cantor Seinuk</i> Steel-Concrete-Steel: Unique hybrid London Bridge
	SPEAKER 2	Ken Shuttleworth <i>Make Architects</i> Form & Skin: Antidotes to Transparency in High Rise	Sam Lee <i>Guangzhou Scientific Computing Consultants</i> Nonlinear dynamic earthquake analysis of skyscrapers	Robert Halvorson <i>Halvorson & Partners</i> Structural Design Innovation: Russia Tower
	SPEAKER 3	Simon Allford & Paul Monaghan <i>Allford Hall Monaghan Morris</i> The Tall Building, Reconsidered	Ji Young Kim & Sang Dae Kim <i>Daewoo Institute of Construction Engineering</i> Dynamic properties for a residential tall building in Korea	Josse Wayembergh & Isidore Zielonka <i>International Belgian Associated Architects</i> Building, rebuilding or renovating tall: Brussels
	SPEAKER 4	Jeanne Gang, <i>Studio Gang</i> Wanted: Tall Buildings Less Iconic, More Specific	Kan Shimizu, <i>Kajima Corporation</i> Hydraulic Dampers in High-rise Observed in Earthquakes	Brian Duffy, <i>Traynor O' Toole</i> The Need for Vision: Tall Buildings in Dublin
	Q & A			
12.45 – 1.45 LUNCH, sponsored by Hyder Consulting				
1.45 – 3.15	TOPIC	T16: INTERIOR & SOCIAL ISSUES – Baniyas 2	T17: FIRE & SAFETY (I) – Baniyas 1	T18: USA EXPERIENCES – Baniyas 3
	CHAIR	Sabah Al-Rayes, <i>PACE Consulting</i>	Carl Baldassarra, <i>Schirmer Engineering</i>	Ron Klemencic, <i>Magnusson Klemencic</i>
	SPEAKER 1	Jason Pomeroy <i>Broadway Malyan</i> Sky courts as transitional space: Space syntax	Robert Solomon <i>NFPA</i> Code-Plus Design Criteria for High Rise	Bart Sullivan <i>WSP Cantor Seinuk</i> Hearst Headquarters: Innovation & Heritage
	SPEAKER 2	Ross Palmer, <i>Palmer Acoustics</i> Noise in High Rise Buildings	Richard Bukowski, <i>NIST</i> Emergency Egress from Ultra Tall Buildings	Kyle Krall, <i>Thornton Tomasetti</i> Structural Engineering the New York Times Bldg
	SPEAKER 3	Matthew Stead <i>AECOM</i> Noise / Vibration Sources: Mitigation in Green Bldgs	Simon Lay <i>WSP Fire</i> Alternative Evacuation Design Solutions	Martin Maingot, <i>Cary Kopczynski & Company</i> Tall, Gray & Green: Reinforced Conc. Pacific NW
	SPEAKER 4	Robert Lau <i>Roosevelt University</i> Demise & Transformation: Chicago Social Housing	Daniel O'Connor <i>Schirmer Engineering</i> Building Façade or Fire Safety Façade?	Steven Baldrige <i>Baldrige & Associates</i> Tall Structural Sustainability, island context: Hawaii
	Q & A			
3.15 – 3.45 BREAK				
3.45 – 5.15	TOPIC	T19: FINANCIAL & OTHER ASPECTS – Baniyas 2	T20: FIRE & SAFETY (II) – Baniyas 1	T21: EXPERIENCES AUSTRALASIA – Baniyas 3
	CHAIR	Cecily Davis, <i>DLA Piper</i>	William Maibusch, <i>Turner</i>	Brett Taylor, <i>Bornhorst & Ward</i>
	SPEAKER 1	Peter De Jong <i>Delft University</i> Building cost and eco-cost aspects of tall buildings	Fang Li & James Antell <i>Rolf Jensen Associates</i> Pearl River Tower: Fire Safety Strategies	Stefan Krummeck <i>Terry Farrell & Partners</i> Towers and Urbanism in the context of China
	SPEAKER 2	Abdulaziz S. Al-Yousefi <i>Al-Yousefi Value Engineering</i> Value Engineering and Sustainable Construction	Martin Kealy <i>Schirmer Engineering</i> Fire Engineering Super-Tall: A new approach to Escape	Ming Zhang <i>Mulvanny G2</i> Building Brand Identity: China's Power Companies
	SPEAKER 3	Brenda Calvin <i>The Calvin Group</i> Selling in luxury high-rise market; pre-sales - compl.	Mike Ferreira <i>Hughes Associates</i> Protecting the Stair Enclosure in Tall Bldgs: Stack Effect	Rocco Bressi & Darran Kindrachuk <i>Bovis Lend Lease</i> Sustainable Groundscrapers & Megaplate Towers
	SPEAKER 4	Wayne Labar <i>Liberty Science Center</i> Tall Tales: A Century of Exhibiting Tall Buildings	Jean-Claude Gérardy <i>Arcelor Mittal</i> Sustainable steel buildings: Natural Fire Safety Concept	Hatice Sozer <i>Nigde University & Illinois Institute of Tech.</i> Cultural Response & Sustainability in Middle East
	Q & A			
5.15 – 5.30 CONGRESS CLOSE – David Scott, CTBUH Chairman – Baniyas Ballroom				

Papers Accepted for Poster Presentation

A Allam, & Ali Nadjai

Ulster University

Finite Element Modelling of Structural Steel Frame in Fire

Hanns Baumann

Bautech

One Piece Welded Reinforcement Grid as Confinement Reinforcement for Tall Concrete Green Buildings in Seismic Regions.

Abdel Rahman Elbakheit

University of Nottingham

Effect of Duct Width in Ducted Photovoltaic Facades

Salem Faza & J. Kwok & O. Salah

MMFX Technologies

Application of High-Strength and Corrosion-Resistant ASTM A1035 Steel Reinforcing Bar in Concrete High-Rise Construction

Sabrina Fazlic

Cardiff University

Design Strategies for Sustainable Residential Skyscrapers

Aleksander Kozlowski, Ryszard Kowalczyk & Marian Gizejowski

Rzeszow University of Technology

Estimation of the initial stiffness and moment resistance of steel and composite joints

Masayoshi Nakai, Takashi Nishimura, Akihiko Ueda, Daishi Yoshimoto & Tatsuo Okamoto

Takenaka Corporation

Mile High Tower: Concept of Vertical City

David Pilzer

Israel Ministry of the Interior

A Guide For Evaluating Plans For Tall Buildings

Tony Rofail

Windtech Consultants Pty Ltd

Developing Habitable Wind Environments

Congress website for further info & registrations: www.ctbuh2008.com