

## The 32<sup>nd</sup> Concrete Engineering Lectures ~ Time Table & Schedule of Technical Sessions

Date	Sonic City Hall			Sonic City Main Building										
	Large Hall	Small Hall	Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7	Room 8	Room 9	Room 10	Techno Plaza	
			Int'l Conf. Room	Civic Hall 1	Civic Hall 2	Civic Hall 3	Civic Hall 4	601	602	603	604	906	Exhibition Halls	
1st floor	2nd floor	4th floor	4th floor	4th floor	4th floor	4th floor	4th floor	6th floor	6th floor	6th floor	6th floor	9th floor	Basement	
7th July (Wednesday)	9:20 – 9:40		<b>Opening Ceremony</b>											<b>Concrete Techno Plaza</b> (Exhibition & Session of Technology Introduction)  &  <b>Small Concrete Art Works by Elementary School Children in Saitama</b> (Exhibition)
	10:00 – 12:00		<b>Panel Discussion #1</b> 10:00~13:00	*Shrinkage & Creep I	*Repair & Strengthening (material) I	Frost damage	*Aggregate	Non-destructive test & Assessment I	*Sustainability (environmental)	Vibration / Isolation & Vibration control	Structural design & Design method	Shear & Torsion I	*Short fiber reinforced concrete (structural)	
	13:30 – 15:15		<b>Panel Discussion #2</b> 13:15~15:30	*Shrinkage & Creep II	Repair & Strengthening (material) II	Salt attack I	High-strength concrete (material)	Non-destructive test & Assessment II	High-flowable concrete / Pavement & Dam	Seismic retrofit I	Structural analysis / Fracture mechanics	*Shear & Torsion II	Continuous fiber reinforced concrete (structural)	
	16:00 – 17:00		<b>Special Lecture</b>											
8th July (Thursday)	10:00 – 12:15		<b>*Panel Discussion #3</b> 9:15~12:15	Shrinkage & Creep III	Durability I	Salt attack II / Corrosion & Corrosion prevention I	*Short fiber reinforced concrete (material)	Non-destructive test & Assessment III	Special concrete/ Investigation of existing structure	Seismic retrofit II	Column-beam connection I	Fatigue & Impact I	Composite & Mixed structure I	7th July 10:00~17:00  8th July 9:00~17:00  9th July 9:00~15:00
	13:15 – 15:30		<b>Ready-mixed Concrete Seminar</b> 13:30~17:00	Strength & Mechanical property I	*Durability II	*Corrosion & Corrosion prevention II	*Cement / Admixture I	Recycle I	Fire resistance	Seismic retrofit III / Seismic diagnosis	Column-beam connection II / Seismic performance evaluation I	Fatigue & Impact II / Bond, anchorage & joint I	*Composite & Mixed structure II	
	15:45 – 18:00			*Strength & Mechanical property II / Massive concrete	Durability III	*Corrosion & Corrosion prevention III / Compound deterioration	Admixture II	*Recycle II / Maintenance & Life cycle I	Slab / New material & construction (structural)	*Seismic general I	Seismic performance evaluation II / Earthquake damage	Bond, anchorage & joint II / Flexure	*Composite & Mixed structure III / Repair & Strengthening (structural) I	
	18:30 – 20:30		<b>Banquet</b> (Rose Room, 4th floor, Palace Hotel Omiya)											
9th July (Friday)	10:00 – 12:15		<b>Panel Discussion #4</b> 9:15~12:15	Property general I	Alkali silica reaction I	Eco & Greening concrete	Fresh concrete / Construction I	Maintenance & Life cycle II	Ductility / Beam I	*Seismic general II / Shear wall I	Column I	Prestressed concrete I	Repair & Strengthening (structural) II	
	13:15 – 15:30			Property general II	Alkali silica reaction II	New material & construction (material)	Construction II	Recycled concrete	Beam II / Framed structure	Shear wall II	Column II	*Prestressed concrete II / High-strength concrete (structural)		
	16:15 – 16:45		<b>Closing Ceremony</b>											

NOTE: \* English presentations are included.

