

Time Table for 8HSC/HPC Symposium in Tokyo
Monday, October 27

Chairpersons

| Room 1 | | Registration No. | Author(s) | Paper title |
|--|-------|----------------------|-----------------------|--|
| Session Title | Time | | | |
| Chair: Prof. Takafumi Noguchi | 9:00 | Opening Session | | |
| | | Invited lecture 1 | Shunsuke Sugano | Application of High Strength and High Performance Concrete in Seismic Regions |
| | 10:00 | Invited lecture 2 | Joost C. Warlaven | High Performance Concrete: a material with a large potential |
| | 11:00 | Coffee Break (00:30) | | |
| Chair: Prof. Patrick Paultre Mechanical Properties-1 | | Keynote Lecture 1 | Minehiro Nishiyama | Mechanical Properties of Concrete and Reinforcement – State-of-the-art Report on HSC in Japan – |
| | 12:00 | S1-1-1 | 179 Moustafa Al-Ani | Performance of low-dose steel fibre reinforced double tee beams |
| | | S1-1-2 | 65 Cornelia Magureanu | Behavior of high and ultra-high performance fiber reinforced concrete |
| | | S1-1-3 | 86 Avraham Dancygier | The combined effect of concrete strength and geometric parameters on concrete-reinforcement bond |
| Chair: Prof. Patrick Paultre | | S1-1-4 | 87 Stanislav Seitl | SELECTED FATIGUE AND FRACTURE PARAMETERS OF GLASS FIBER CEMENT BASED COMPOSITE |
| | 13:00 | Lunch (01:30) | | |
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| | 14:00 | | | |

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|---|-------|--------|----------------------------|---|
| Mechanical Properties-2 /Shear and Bond Chair: Prof.Jason Ingham | | S1-2-1 | 90 Yasuhiko Sato | Shear Capacity of High Performance Fiber Reinforced Concrete I-Beams |
| | | S1-2-2 | 88 Noritaka Morohashi | Bond Splitting Strength of High-fluidity Recycled Aggregate Concrete Beams |
| | 15:00 | S1-2-3 | 107 Michael Horstmann | Load Carrying Behavior of Shear Connectors in Ultra-High Performance Concrete |
| | | S1-2-4 | 126 HIROTO TAKATSU | Experimental Study on Shear Transfer of Precast-Prestressed Joint using Ultra High-Strength Concrete |
| | | S1-2-5 | 243 Jan Lingemann | SHEAR BEHAVIOR OF STEEL FIBER REINFORCED CONCRETE |
| | | S1-2-6 | 268 Makoto Maruta | Shear Capacities of Reinforced Concrete Column Using High-Strength Concrete |
| | 16:00 | S1-2-7 | 83 Serena Hendrix | Shear Performance of High-Strength Lightweight Concrete Columns Under Seismic Loads |
| | | S1-2-8 | 35 Ahmed Mohammad Heidayat | Shear Strength For High Strength Ferrocement Box Beams |
| Coffee Break (00:30) | | | | |
| Mechanical Properties-3 /Fiber Reinforced Chair: Dr.Hideki Kimura | 17:00 | S1-3-1 | 113 Naoki Nagamoto | Experimental Research on New Web Structure Using Ultra High Strength Fiber Reinforced Concrete |
| | | S1-3-2 | 132 Hiroyuki Takenaka | Seismic Performance of Structural Members with Ultra High Strength Fiber Reinforced Concrete and Application to Frame with Energy Dissipation Devices |
| | | S1-3-3 | 214 Patrick Paultre | Structural Performance of Steel Fiber-Reinforced High-Strength Concrete Columns |
| | | S1-3-4 | 157 Naoki Sogabe | Cyclic Loading Test of High-Seismic-Performance RC piers with Ultra-High-Strength Fiber-reinforced Concrete Precast Forms |
| | 18:00 | S1-3-5 | 245 Michihiro Sakurada | Application of High Strength Fiber Reinforced Mortar to Prestressed Concrete Structures |
| | | S1-3-6 | 44 Makoto Yamaguchi | Blast Resistance of Polyethylene Fiber-reinforced Concrete against Contact Detonation |
| | | S1-3-7 | 229 Yusuke Suzuki | Elasto-Plastic Behavior of Beam-Column Joint Using Diagonal Reinforcement and High-Strength Steel Fiber Reinforced Concrete |
| | | S1-3-8 | 212 Takao Mizutani | DEVELOPMENT OF MANHOLE CIRCULAR BLOCK USING ULTRA HIGH STRENGTH FIBER REINFORCED CONCRETE |
| | 19:00 | | | |
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| | 20:00 | | | |

Time Table for 8HSC/HPC Symposium in Tokyo

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| Room 2 | | Registration No. | Author(s) | Paper title |
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| Session Title | Time | | | |
| | 9:00 | | | |
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| | 10:00 | | | |
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| | 11:00 | | | |
| Materials-1 | | S2-1-1 | 39 Ysuo Kakinuma | Relation between the powder properties of silica fume and the fluidity of ultra-high strength cement paste |
| Chair: Prof. Bjorn Lagerblad | | S2-1-2 | 77 Johan Plank | Interaction between polycarboxylate superplasticizers, cement and microsilica in ultra-high strength concrete |
| | 12:00 | S2-1-3 | 98 Eiji Maruya | Fluidity and material design of cement increased interstitial phase content |
| | | S2-1-4 | 259 Atsushi Teramoto | Temperature Dependent Behavior of Autogenous Shrinkage of Cement Paste Containing Silica Fume with Low W/B Ratio |
| | | S2-1-5 | 91 Kazuhide Saito | Properties of moderate heat super high-strength concrete using an advanced |
| | 13:00 | Lunch (01:30) | | |
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| | 14:00 | | | |
| Chair: Prof. Johann Plank | | Keynote Lecture 2 | Hiroshi Yokota | HIGHLY DURABLE CONCRETE IN JAPAN |
| Materials-2 | 15:00 | S2-2-1 | Cancelled | |
| Chair: Prof. Johann Plank | | S2-2-2 | 228 Ghung-Hao Wu | Research on the temperature development of high strength concrete containing silica fume and fly ash at early age |
| | | S2-2-3 | 204 Bjorn Lagerblad | Fillers and ultrafine fillers to save cement and improve concrete properties |
| | | S2-2-4 | 176 Yu-Shin Sohn | STUDY ON UTILIZATION OF HIGH ELASTIC-STRENGTH CONCRETE IN USING WASTE LIMESTONE AGGREGATE |
| | 16:00 | S2-2-5 | 7 Nicolas Ali Libre | Highly flowable concrete made with different aggregate gradations |
| | | S2-2-6 | 21 Weiguo Shen | High strength and performance coarse aggregate interlocking concrete: preparation |
| | | Coffee Break (00:30) | | |
| Materials-3/ Resin | 17:00 | S2-3-1 | 9 Nicolas Ali Libre | Rheological properties of polypropylene fiber reinforced highly flowable mortar |
| Chair: Prof. Cheolwoo Park | | S2-3-2 | 57 Masanobu Ashida | Basic properties and microstructure of ultra-high strength fiber reinforced concrete with ettringite formation system |
| | | S2-3-3 | 241 Torsten Kowald | Improvement of modern building materials by carbon nanotubes |
| | | S2-3-4 | 62 Andrzej Cwirzen | Mechanical and selected physical properties of cement paste produced by using portland cement modified with multi-walled carbon nanotubes |
| | 18:00 | S2-3-5 | 152 Akira Hosoda | Healing properties of self healing concrete with water passing through crack |
| | | S2-3-6 | 166 Sofia Diniz | FRP reinforced concrete: reliability of beams designed according to ACI-440 guidelines |
| | | S2-3-7 | 38 Young-Shik Park | High strength epoxy concrete with ductile fracture mode in compression |
| | 19:00 | | | |
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| | 20:00 | | | |

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Monday, October 27

| Room 3 | | Registration No. Author(s) | | Paper title |
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| Session Title | Time | | | |
| | 9:00 | | | |
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| | 10:00 | | | |
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| | 11:00 | | | |
| Durability-1 | | S3-1-1 | 200 Katalin Kopecsko | Effect of additives on chloride ion binding capacity of cements |
| Chair: Dr. Tor Arne Hammer | | S3-1-2 | 239 Gai-Fei Peng | Effect of chloride-ion adsorption agent on chloride in concrete and mortar |
| | 12:00 | S3-1-3 | 85 Cheolwoo Park | Fundamental property of chloride-inhibiting and low heat cement developed for marine concrete structures |
| | | S3-1-4 | 120 Jun Sakamoto | Study on evaluation of chloride permeability of ultra high strength fiber reinforced |
| | | S3-1-5 | 240 Steinar Helland | In-field performance of North Sea HSC/HPS offshore platforms with regard to chloride resistance |
| | | S3-1-6 | 160 Yuri Nemchinov | Durability of radio active materials storage facilities from reinforced concrete |
| | 13:00 | Lunch (01:30) | | |
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| | 14:00 | | | |
| Fiber Reinforced Concrete | | S3-2-1 | 84 Michikazu Tawara | Influence of materials and curing methods on properties of high strength fiber-reinforced concrete |
| Chair: Prof. Minehiro Nishiyama | | S3-2-2 | 29 Torsten Mueller | Influence of fiber content and concrete composition on properties of self-compacting steel fiber reinforced concrete |
| | 15:00 | S3-2-3 | 30 Klaus Holschemacher | Influence of fibre type and content on properties of steel bar reinforced high-strength steel fibre reinforced concrete |
| | | S3-2-4 | 55 Ana El Debs | Development of a high strength fibre reinforced self-compacting concrete(HSFRSCC) at early ages for precast connections |
| | | S3-2-5 | 147 Andrejs Pupurs | High-performance steel fibre reinforced concrete(SFRC) fracture.Fibres pull-out experimental investigation |
| | | S3-2-6 | 186 Su Tae Kang | Investigation of fibre alignment of UHSFRC in flexural members |
| | 16:00 | S3-2-7 | 231 Yuji Watanabe | Experimental study on the applicability of ultra high strength fibre reinforced concrete to large scale members |
| | | Coffee Break (00:30) | | |
| Chair: Mr.Steinar Helland | 17:00 | Keynote Lecture 3 | Masahiro Ouchi | SELF-COMPACTING CONCRETE IN JAPAN |
| Structural Performance-1 | | S3-3-1 | 188 Francois TOUTLEMONDE | Validation of connection details between a UHPFRC ribbed slab and steel girders for a new composite bridge deck type |
| Chair: Mr.Steinar Helland | | S3-3-2 | 247 Hiroyuki MUSA | EXPERIMENTS OF GIRDER JOINT IN TOKYO INTERNATIONAL AIRPORT (HANEDA) GSE BRIDGE USING UFC |
| | 18:00 | S3-3-3 | 256 Osamu MOCHIZUKI | DESIGN, EXPERIMENTS AND MASS PRODUCTION OF UFC SLAB IN TOKYO INTERNATIONAL AIRPORT (HANEDA) D RUNWAY |
| | | S3-3-4 | 223 Tetsuya Kono | Influence of Placing Method on Structural Performance of Slab with Ultra High Strength Fiber Reinforced Concrete - Tokyo International Airport Runway D - |
| | | S3-3-5 | 117 Guido Bertram | Shear carrying capacity of ultra-high performance concrete beams |
| | | S3-3-6 | 118 Guido Bertram | Anchor behavior of strands in ultra-high performance concrete |
| | 19:00 | | | |
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| | 20:00 | | | |

Time Table for 8HSC/HPC Symposium in Tokyo
Tuesday, October 28

| Room 1 | | Registration No. | Author(s) | Paper title |
|---|-------|------------------|---------------------------------|---|
| Session Title | Time | | | |
| Chair: Prof. Shunsuke | 9:00 | | Invited lecture John J. Myers | The Use of High Strength / High Performance Concrete in America: A Code and Application Perspicive |
| | | 3 | | |
| | | | Invited lecture Tor Arne Hammer | Future HPC-Driven by Industrial Need for Innovation as well as Enviromental and Social |
| | 10:00 | 4 | | High Strength and High Performance Concrete in the Asian Countries and Regions |
| | | 5 | Takumi Shimomura | |
| | 11:00 | | Coffee Break (00:30) | |
| Chair: Dr. Yuji Ishikawa | | | Keynote Lecture 4 Uchida | Review of Japanese Recommendation on Design and Construction of Different Classes of Fibre Reinforced Concrete and Application Examples |
| | | | | |
| Structural Performance-2 Chair: Dr. Yuji Ishikawa | 12:00 | S1-4-1 | 19 Mahdi Faraji | INVESTIGATION OF FAILURE MODE OF SINGLE CIRCULAR REINFORCED CONCRETE COLUMNS |
| | | S1-4-2 | 116 Kuniyoshi Sugimoto | FLEXURAL SHEAR LOADING TESTS OF RC COLUMNS USING ULTRA HIGH STRENGTH CONCRETE |
| | | S1-4-3 | 171 Ippei Maruyama | Effect of autogenous shrinkage of ultra high strength concrete on bending behavior of reinforced concrete column |
| | | S1-4-4 | 213 Hideki Kimura | Seismic Performance of High-Strength Reinforced Concrete Slender Walls Subjected to High Axial Loading |
| | 13:00 | | Lunch (01:30) | |
| | 14:00 | | | |
| Structural Performance-3 Chair: Prof.Sofia Diniz | | S1-5-1 | 23 Jorge A. Avila | Inelastic seismic response of 9 and 17 levels reinforced concrete buildings with normal resistance concrete and with high-strength concrete |
| | | S1-5-2 | 162 HIDEAKI NAKAYAMA | DEVELOPMENT OF PROCESSING TECHNOLOGY OF SUPER HIGH-STRENGTH PRECASE CONCRETE COLUMN |
| | 15:00 | S1-5-3 | 205 Tor Ole Olsen | Offshore Concrete Structures |
| | | S1-5-4 | 163 YUJI ISHIKAWA | ULTIMATE DEFORMATION OF R/C COLUMNS USING HIGH-STRENGTH CONCRETE AND HIGH-STRENGTH STEEL BARS UNDER EARTHQUAKE LOADING |
| | | S1-5-5 | 167 Sofia Diniz | NBR 6118 and High-Strength Concrete Columns: Designing for Safety Beyond 50 |
| | | S1-5-6 | 195 Takuya Anabuki | Failure Criteria and Poisson's Effect of Ultra High Strength Concrete Confined by Steel Tube |
| | 16:00 | | Coffee Break (00:30) | |
| Structural Performance-4 Chair: Prof. Ryoichi Sato | | S1-6-1 | 73 Madappa Sivasubramanian | Evaluation of Flexural Capacity and Ductility of FRP Reinforced Engineered Cementitious Composite Beams |
| | | S1-6-2 | 33 Hesham Marzouk | A new formula to calculate minimum flexure reinforcement for thick high-strength concrete plates |
| | 17:00 | S1-6-3 | 41 Hesham Marzouk | Effective Stress-Strain Relationship of Reinforced Concrete Panels under Uniaxial and Biaxial Loading |
| | | S1-6-4 | 74 Hitoshi Kumagai | Deformation at Flexural Yielding of High-Strength RC Members |
| | 18:00 | | | |
| | 19:00 | | Banquet | |
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Time Table for 8HSC/HPC Symposium in Tokyo
Tuesday, October 28

| Room 2 | | Registration No. | Author(s) | Paper title |
|---|-------|----------------------|-----------------------|---|
| Session Title | Time | | | |
| | 9:00 | | | |
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| | 10:00 | | | |
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| | 11:00 | Coffee Break (00:30) | | |
| Durability- 2/Long-term Properties Chair: Dr. Tetsuya Ishida | | S2-4-1 | 181 Keitetsu Rokugo | Improvement of water tightness of fine cracks in HPFRCC using seaweed gel |
| | | S2-4-2 | 183 Keitesu Rokugo | Improvement in water tightness of fine cracks in HPFRCC with water repellent treatment |
| | 12:00 | S2-4-3 | 215 Ting-Yu HAO | Assessment of concrete permeability by a nondestructive method |
| | | S2-4-4 | 78 Birol Fitik | Fatigue behaviour of ultra high performance concrete(UHPC) under alternating tensile and compressive loading |
| | | S2-4-5 | 227 Kazuyoshi Shirai | Duarability of UFC formwork left in-place and its application |
| | | S2-4-6 | 265 Stuart Mathew | The project specification-an owners tool for achieving improved duarability and long-term performance? |
| | 13:00 | Lunch (01:30) | | |
| | | | | |
| | 14:00 | | | |
| Chair: Prof. Junichiro Niwa | | Keynote Lecture 5 | Hiroshi Mutsuyoshi | Outline of: "Guidelines for design and construction of high-strength concrete for prestressed concrete structures" |
| Prestressd Concrete Chair: Prof. Junichiro Niwa | 15:00 | S2-5-1 | 134 Christian Glaeser | Anchorage Zone Design for High-Strength Concrete Members |
| | | S2-5-2 | 119 Akio Kasuga | THE CONCEPT OF PERFORMANCE-CREATIVE DESIGN FOR HIGH |
| | | S2-5-3 | 79 John Myers | PERFORMANCE STRUCTURAL CONCRETE Prestress Loss Behavior of High-Strength |
| | | S2-5-4 | 187 Sudhira De Silva | Self-Consolidating Concrete Girders Subjected to Elevated Compressive Fiber |
| | 16:00 | Coffee Break (00:30) | | |
| Mechanical Properties-4 Chair: Prof. Keitetsu Rokugo | | S2-6-1 | 95 Hiroshi Kawakami | Study On The Compressive Strength Development And Microstructure Of High Strength Mortar With Strength Exceeding 100N/mm ² |
| | | S2-6-2 | 220 Shinichi Koizumi | A study on Potential Strength Development and the Hydration Reaction of Ultra-high-strength Concrete |
| | 17:00 | S2-6-3 | 114 Oguzhan Copuroglu | Micromechanical and micromorphological features of dissolved alkali-reactive basalt in the first hours of accelerated testing |
| | | S2-6-4 | 97 Takao Koide | High Strength Concrete Used With New Silica Fume Slurry |
| | | S2-6-5 | 103 Ken WATANABE | Identification of Localized Compressive Failure of High-Strength Concrete with Short Fiber Reinforcement by Using Image Analysis |
| | | S2-6-6 | 94 Taku Matsuda | Strength-developing Properties of Ultrahigh Strength Concrete Subjected to a High Temperature History at Early Ages |
| | 18:00 | S2-6-7 | 106 Son Ha | MECHANICAL PROPERTIES OF SLAG CEMENT CONCRETE CURED AT ELEVATED TEMPERATURE |
| | | S2-6-8 | 168 Tatsuya Tsubaki | High-Deformable Porous Concrete for Impact Loading |
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| | 19:00 | Banquet | | |
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| Room 3 | | Registration No. | Author(s) | Paper title |
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| Session Title | Time | | | |
| | 9:00 | | | |
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| | 10:00 | | | |
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| | 11:00 | | | Coffee Break (00:30) |
| Mixing & Fresh Concrete Chair : Prof. Reinhard Trettin | | S3-4-1 | 47 Oliver Mazanec | Improvement of UHPC properties through optimized mixing procedure |
| | | S3-4-2 | 271 Daijiro Tsuji | Bottom-up concreting technique of Fc 100N/mm ² super-high strength concrete into concrete-filled tube |
| | 12:00 | S3-4-3 | 67 Mohammad Khan | Rheology of high performance concrete containing cementitious materials |
| | | S3-4-4 | 51 Aminul Laskar | Rheological behavior of high-performance concrete with rice husk ash |
| | | S3-4-5 | 137 Nataraja M.C. Nataraja | Flow Characteristics And Compressive Strength Of Self Compacting Mortar With And Without Steel Fibers |
| | | S3-4-6 | 49 Rieko Terauchi | Basic study on pumpability of ultrahigh strength concrete |
| | 13:00 | | | Lunch (01:30) |
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| | 14:00 | | | |
| Shrinkage Chair: Dr. Hiroshi Jinnai | | S3-4-7 | 226 Nicolas Roussel | Rheology of fresh concrete:from measurements to casting processes |
| | | S3-4-8 | 108 Wenbo Zhang | Investigation on static segregation behaviors of high fluidity concrete |
| | 15:00 | S3-5-1 | 25 Keiki Yamamoto | Measuring method preamature stiffening formed at the top surface after high strength mortar placing |
| | | S3-5-2 | 235 Takumi Shimomura | Effect of concrete shrinkage on crack width in reinforced concrete member with high strength concrete |
| | | S3-5-3 | 110 Parviz Ghoddousi | Estimating long term drying shrinkage of self consolidating concrete |
| | | S3-5-4 | 46 Soeren Eppers | Restrained ring tests with UHPC |
| | 16:00 | | | Coffee Break (00:30) |
| Chair: Dr Stuart Application-1/Quality Control etc. Chair: Dr Stuart Matthews | | | Keynote Lecture 6 | Frank Dehn Constituting Modeling of HSC and HPC –a survey of fib Bulletin 42 – |
| | 17:00 | S3-6-1 | 210 Yuichiro Yamada | Discussions of conditions for multiple cracking of HPFRCC based on variability strength properties |
| | | S3-6-2 | 24 Hiroshi Jinnai | Quality control scheme and results of 150MPa Concrete in actual high-rise building |
| | | S3-6-3 | 27 Satoshi Watanabe | Development And Application Of Quality Control System Based On Careful Selection Of Coarse Aggregate For High-Strength |
| | | S3-6-4 | 64 Christian Muehlbauer | Investigations on Adhesive Joints of Ultra High Performance Concrete (UHPC) Members |
| | 18:00 | S3-6-5 | 70 Norio Watanabe | DESIGN OF GSE BRIDGE USING ULTRA HIGH STRENGTH FIBER REINFORCED |
| | | S3-6-6 | 154 Maslina Jamil | Development of HPC-MuDec Expert System for High Performance Concrete Mix Design |
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| | 19:00 | | | Banquet |
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| | 20:00 | | | |
| | | | | |
| | 21:00 | | | |

Time Table for 8HSC/HPC Symposium in Tokyo
Wednesday, October 29

| | | Room 1 | Registration No | Author(s) | Paper title |
|--|------|--------|----------------------|-------------------------|---|
| Session Title | Time | | | | |
| Fire Resistance Chair: Prof. John .Myers | 9:00 | S1-7-1 | 122 | Jin Tao | Experimental Research on the transient strain of self-compacting concrete at high temperature |
| | | S1-7-2 | 222 | Shigeaki Baba | FIRE RESISTANCE OF PRE-STRESSED SLABS IN ULTRA HIGH PERFORMANCE CONCRETE FOR USE IN AN OFFICE BUILDING RETROFIT PROJECT |
| | | S1-7-3 | 236 | Gai-Fei Peng | Fire resistance of normal-strength high-performance concrete compared with high-strength high-performance concrete |
| | | S1-7-4 | 253 | Gyorgy Balazs | RESIDUAL COMPRESSIVE STRENGTH OF FIRE EXPOSED FIBRE REINFORCED CONCRETE |
| | #### | S1-7-5 | 261 | Wilasa Vichit-Vadakan | Transport Properties of Fire-Exposed |
| | | S1-7-6 | 140 | Albert Noumowe | LIGHTWEIGHT SELF-CONSOLIDATING CONCRETE SUBJECTED TO FIRE |
| | | S1-7-7 | 182 | Ching-Chang Lin | The Post-Fire-Curing and CFRP Confinement Effects on Fire-Damaged |
| | #### | S1-7-8 | | | |
| | | | Coffee Break (00:30) | | |
| Structural Performance-5/ Bridges and Beams Chair: Mr. Hitoshi Kumagai | | S1-8-1 | 196 | Francois Toutlemonde | Experimental study of a new bridge structure: a 10 m-span composite UHPFRC - carbon fibres - timber bridge |
| | | S1-8-2 | 100 | Chikaharu Kobayashi | Experimental Study on Diagonal Compression Failure of RC Beams Using High-Strength Concrete |
| | #### | S1-8-3 | 48 | Giuseppe MANCINI | FATIGUE BEHAVIOUR OF BRIDGE DECK REPAIRED WITH SELF COMPACTING CONCRETE |
| | | S1-8-4 | 158 | Hassane Ousalem | SEISMIC PERFORMANCE OF PRECAST EXTERIOR BEAM-COLUMN JOINTS WITH HIGH-STRENGTH MATERIALS UNDER HIGH-AXIAL TENSION LOADS |
| | | S1-8-5 | 206 | Ryosuke Shionaga | Cracking Behaviors of High Performance Fiber Reinforced Mortar in Tension and |
| | | S1-8-6 | 184 | Su Tae Kang | Flexural Capacity of Reinforced Concrete Beams with UHSFRC |
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| | | | Lunch (01:30) | | |
| Structural Performance-6 Chair: Prof. Ching-Chang Lin | | S1-9-1 | 225 | Tetsuo Kawaguchi | MECHANICAL PROPERTIES OF FLEXURAL MEMBERS USING ULTRA HIGH STRENGTH FIBER REINFORCED |
| | | S1-9-2 | 31 | Hongzhan ZHANG | BEHAVIOR OF DEEP STEEL FIBER REINFORCED HIGH-STRENGTH CONCRETE COUPLING BEAMS |
| | #### | S1-9-3 | 81 | Tetsuya Oyamada | SUBJECTED TO CYCLIC SHEAR Development of joint mortar for high-strength pre-cast concrete members |
| | | S1-9-4 | 244 | Umamaheswari Nambiappan | Use of High Strength Concrete in Concrete-filled Steel Tubular Short |
| | | S1-9-5 | 32 | R. PRABHAKARA | INVESTIGATIONS ON LONG TERM DEFLECTIONS OF HSC BEAMS |
| | | S1-9-6 | 258 | Hyun Do YUN | CRACKING MITIGATION AND FLEXURAL BEHAVIOR OF CONCRETE BEAMS LAYERED WITH STRAIN-HARDENING CEMENT COMPOSITES |
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| Chair: Prof. Minehiro | | | Closing Session | | |
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Time Table for 8HSC/HPC Symposium in Tokyo
Wednesday, October 29

| Room 2 | | Registration No | Author(s) | Paper title |
|--|------|-----------------|---------------------------|--|
| Session Title | Time | | | |
| Mechanical Properties-5 Chair: Prof. Koichi Maekawa | 9:00 | S2-7-1 | 156 Yasushi Tanaka | Experimental study on the compression softening of high strength concrete |
| | | S2-7-2 | 145 Andrejs Pupurs | High-Performance Steel Fibre Reinforced Concrete (SFRC) Strength. Prediction and Experimental Investigation |
| | | S2-7-3 | 177 Morteza Madhkhan | Effect of Packing Factor on Water Absorption and Compressive Strength of Self Consolidating Concrete |
| | | S2-7-4 | 89 Alessandro P. Fantilli | MULTI-CRACKING PHENOMENON OF HPFRCC IN TENSION |
| | #### | S2-7-5 | 189 Su Tae Kang | The Effect of the Siliceous Filler in Ultra High Strength Concrete with Steel Fiber |
| | | S2-7-6 | 233 Yoshimitsu Nakajima | An analysis on the failures in the applications of self-compacting concrete |
| | | S2-7-7 | 262 Andrea Prota | Use of SCC for upgrade of existing structures: the case study of the reaction mass of the Department of Structural |
| | | S2-7-8 | 54 Dante Galeota | Long-Term Behaviour of Full-Scale SCC Precast Prestressed Double T Beams |
| | | #### | Coffee Break (00:30) | |
| Mechanical Properties-6/ Size Effect Chair: Prof. Ekasit Limsuwan | | S2-8-1 | 230 Yuichi Uchida | Size Effect on Flexural Strength of High Strength Concrete |
| | | S2-8-2 | 234 Hector Cifuentes | Effect of the Properties of Fibers on Size Effect of High Strength Polypropylene Fiber Rein Concrete |
| | #### | S2-8-3 | 45 Yasunori Suzuki | Application of a multi-component model for hydration heat to strength concrete of low water-cementitious materials ratio below |
| | | S2-8-4 | 263 Marco Di Ludovico | Theoretical predictions on the confinement effects of innovative materials |
| | | S2-8-5 | 219 Susumu Kono | Low Cycle Fatigue Characteristics of High Strength Concrete |
| | | S2-8-6 | 66 Mohammad Khan | Development of high performance concrete using ternary blended system |
| | #### | Lunch (01:30) | | |
| | #### | | | |
| High Performance & Mix Design Chair: Prof. Masahiro | | S2-9-1 | 121 Mohamed Ismail | High performance blended cement concrete in Malaysia |
| | | S2-9-2 | 269 Ekasit Limsuwan | Mix-proportions for high performance concrete with regarded to strength, flowability, and temperature |
| | #### | S2-9-3 | 270 Ekasit Limsuwan | Mix design for ultra-high strength concrete on strength based gradation |
| | | S2-9-4 | 211 Julie Ann Hartell | Sorptivity testing to evaluate freeze-thaw behaviour of high performance concretes |
| | | S2-9-5 | 274 Ozkan Sengul | Effect of binder system on the resistance of concrete against chloride penetration |
| | | S2-9-6 | 16 Niyazi Ugur Kockal | Performacne of light weight concretes made from lightweight fly ash aggregate |
| | #### | | | |
| | #### | Closing Session | | |

Time Table for 8HSC/HPC Symposium in Tokyo
Wednesday, October 29

| Room 3 | | Registration No | Author(s) | Paper title |
|---|------|----------------------|---------------------------|--|
| Session Title | Time | | | |
| Applications- 2/ Bridges and Buildings Chair: Prof. Giuseppe | 9:00 | S3-7-1 | 71 Yoshihiro Tanaka | Development and structural performance of a 40m long monorail girder applying ultra high strength fiber reinforced concrete |
| | | S3-7-2 | 96 Hiroyuki NAGUMO | Design and Construction of Riverside Senshu Connecting Bridge |
| | | S3-7-3 | 112 Andre De Roo | Prefabricated Concrete Truss Structure |
| | | S3-7-4 | 169 Shuji YANAI | High Strength and Self Compacting Concrete for Underground Continuous Diaphragm Wall of LNG Tank |
| | #### | S3-7-5 | 143 Mounir Khalil El Debs | Study of cement-base bearing pad subjected to compression load |
| | | S3-7-6 | 123 Michael Horstmann | Large-Sized Building Envelopes and Slender Shell Structures made of TRC |
| | | S3-7-7 | 198 Norbert Randl | Fastening systems in High-Performance Concrete - Adhesive behavior of bonded anchors |
| | | S3-7-8 | 202 Masaro Kojima | Application of Fc150N/mm2 super-high-strength concrete to high-rise R/C building |
| | #### | Coffee Break (00:30) | | |
| | | | | |
| Applications- 3/ Tunnels and Bridges Chair: Dr. Hiroshi Yokota | | S3-8-1 | 203 Carsten Vogt | HIGH PERFORMANCE LOW-PH SCC FOR SEALING OF DEPOSITION TUNNELS IN A REPOSITORY FOR |
| | | S3-8-2 | 217 Masaru Fujishiro | Design and Construction of the Pedestrian Deck using low-autogenous-shrinkage ultra-high-strength concrete |
| | #### | S3-8-3 | 216 Hae-Geun Park | Application of High Performance Concrete for Bridge Deck Overlay in Korea |
| | | S3-8-4 | 209 Steinar Helland | THE MPU HEAVY LIFTER - A LIGHTWEIGHT CONCRETE VESSEL |
| | | S3-8-5 | 264 Kazuyoshi Kasakura | DEVELOPED FOR HEAVY OFFSHORE UFC application and the feature of PC bridge in Japan |
| | | S3-8-6 | 28 Hideaki SAKAI | A STUDY ON PROPERTIES OF PC BOX GIRDER BRIDGES WITH CORRUGATED STEEL WEBS COMBINED WITH HIGH STRENGTH CONCRETE |
| | #### | Lunch (01:30) | | |
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| Applications- 4/ Buildings Chair: Prof. Masanori | | S3-9-1 | 255 Kazuhisa Yoda | Application of High-Performance, Crack-Reducing Concrete to a Concrete Building |
| | | S3-9-2 | 260 Kaw Sai Low | The Role of Aerated Lightweight Concrete for Energy Efficient Building Construction |
| | #### | S3-9-3 | 273 Peter Buitelaar | Heavy reinforced ultra thin white topping of high performance concrete for re-strengthening and rehabilitation of |
| | | S3-9-4 | 224 Tsuyoshi Ishii | Manufacture and construction of a PC through girder type pedestrian bridge using ultra high strength fiber reinforced concrete |
| | | S3-9-5 | 190 Cheol Park | Development of 200MPa ultra-high strength concrete and test application for super high rise building |
| | | S3-9-6 | 191 Hilmi Bin Mahmud | Influence of Rice Husk Ash on Strength and Durability of High Strength Grade 60 |
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| | | | | Closing Session |