Steel-Reinforced Grout (SRG)—A New Tool in the Repair Toolbox


Solicited: The objective of the session is to present convention attendees with the latest developments on a repair technology identified as steel-reinforced grout (SRG). SRG is another tool among the concrete and masonry strengthening methods that complements existing fiber-reinforced cementitious matrix (FRCM) and fiber-reinforced polymer (FRP) composites. SRG consists of a reinforcement fabric made of ultra-high-strength steel cords embedded in a cementitious grout and externally bonded to the substrate. Presentations are solicited covering any aspect related to SRG developments in terms of laboratory characterization and performance, as well as field applications.

Requirements: 1) presentation title; 2) author/speaker name(s), title, organization, and contact information; and 3) an abstract of up to 250 words.

Deadline: Abstracts are due by September 15, 2016.

Send to: Antonio Nanni, University of Miami, e-mail: nanni@miami.edu.

Ultra-High-Performance Fiber-Reinforced Concrete

Meeting: Third International Symposium on Ultra-High-Performance Fiber-Reinforced Concrete (UHPFRC), October 2-4, 2017, Montpellier, France; organized by fib, RILEM, and AFGC, the French Association for Civil Engineering.

Solicited: Themed “Designing and Building with UHPFRC: New Large-Scale Implementations, Recent Technical Advances, Experience, and Standards,” the UHPFRC 2017 Symposium will be devoted to the presentation of recent achievements on UHPFRC applications in civil engineering and bridge structures, major infrastructure projects, marine works, offshore structures; frames, roofing, large shells, and building envelopes; building elements, functional and architectural components, and aesthetics; strengthening, retrofitting, and rehabilitation; durability (characterization, feedback, use in aggressive environments); sustainability, local resources, life-cycle analysis, and recycling; design to resist extreme conditions (fire, earthquake, blast, and impacts); implementation, in-place application, and quality control; standards, recommendations, and design codes; simplified versus innovative design methods, modeling, and reliability; and fields of innovation, new markets, and related technical demand. Visit www.afgc.asso.fr/UHPFRC2017 for more information.

Requirements: Selected papers will be presented on the basis of relevance and originality to stimulate knowledge advances and UHPFRC applications. To contribute, send a one-page abstract (300 words) to the UHPFRC 2017 secretariat. Proceedings will be published by RILEM.

Deadline: Abstracts are due by September 15, 2016.

Send to: Symposium Secretariat Nadget Berrahou-Daoud, AFGC; e-mail: afgc@enpc.fr, telephone: +33.1.44.58.24.70.

Sustainable Construction Materials and Civil Engineering Systems

Meeting: The International Conference on Advances in Sustainable Construction Materials & Civil Engineering Systems (ASCMCES-17) will be held April 18-20, 2017, at the University of Sharjah, Sharjah, UAE; organized by Sustainable Infrastructure and Built Environment Research Center (SIBERC) and Research Institute of Sciences and Engineering (RISE), jointly with the Department of Civil and Environmental Engineering. The conference will be held in conjunction with the 8th International Forum on Engineering Education (IFEE2017) and the 4th International Conference towards Sustainable Development (ICTSD2017).

Solicited: The conference is cosponsored by ACI to provide a multidisciplinary platform for academics, scientists, researchers, engineers, professionals, practitioners, decision-makers, and students from around the world to share their research findings and address issues related to sustainable construction materials, and structural and infrastructural systems. The topics of the conference include, but are not limited to: sustainable construction materials; sustainable structural systems; geotechnical and geo-environmental; construction, performance, and management; sustainable transportation and pavement; water and environment; GIS and remote sensing applications; and sustainable buildings and infrastructure. For more information, visit www.sharjah.ac.ae/en/ Media/Conferences/ASCMCES-2017.

Requirements: Submit abstracts at https://easychair.org/conferences/?conf=ascmces17.

Deadline: Abstracts are due by September 25, 2016.

Contact: Conference Secretary, e-mail: ASCM_CES@sharjah.ac.ae.

Second International Conference on Bio-Based Building Materials


Solicited: The bio-based economy, and especially the area...
of bio-based building materials, is one of the key drivers of innovative and sustainable development of the economy and construction industry as a whole. The conference is expected to attract academics, scientists, researchers, students, designers, policy-makers, and industrialists from a variety of backgrounds, including fields of engineering, materials, sustainability, architecture, and ecological technologies. General topics to be covered include natural fibers and materials, innovative hybrid composites with natural fibers, design with natural fiber composites, mechanical performances of bio-based building materials, eco-friendly binders with low CO₂ emissions and low embedded energy, durability and performance of bio-construction materials, life-cycle assessment of bio-based building materials, construction with low-binder sprayed concrete on bio-based building materials, advances in research methodologies and bio-materials testing, green and renewable energy applications in construction, and construction materials and technologies for sustainability and energy efficiency.

**Requirements:** Submit abstracts via the conference website: https://sites.google.com/site/icbbm2015/home.

**Deadline:** Abstracts are due by September 30, 2016.

**Contact:** ICBBM2017, Sofiane Amziane/Mohammed Sonebi, 2015ICBBM@gmail.com.

### Performance-Based Seismic Design of Concrete Buildings: State of the Practice

**Meeting:** Sessions on “Performance-Based Seismic Design of Concrete Buildings: State of the Practice” at The ACI Concrete Convention and Exposition – Fall 2017, October 15-19, 2017, in Anaheim, CA; sponsored by ACI Committee 374, Performance-Based Seismic Design of Concrete Buildings.

**Solicited:** The sessions and associated ACI Special Publication (SP) available at the ACI Convention – Fall 2017 will present the state of practice for the Performance-Based Seismic Design (PBSD) of Concrete Buildings. The SP is intended to be a reference resource for the implementation of PBSD. The authors of SP papers selected by the editorial committee will be invited to present at the ACI Convention – Fall 2017. Potential topics for consideration include: PBSD design guidelines, case studies, numerical modeling, the economics of PBSD, research needs, use of experimental data for component modeling, use of high-strength reinforcement and concrete, diaphragm design, force-controlled element design, international application of PBSD, observed earthquake performance of buildings designed using PBSD, experimental research for nonlinear modeling parameters and acceptance criteria, PBSD of tall buildings, and innovative techniques of PBSD.

**Requirements:** 1) presentation title; 2) author/speaker name(s), title, organization, and contact information; and 3) an abstract not exceeding 300 words in length. The submitted final papers should adhere to the ACI SP style and format guidelines, available at www.concrete.org/Portals/0/Files/PDF/SPManuscriptGuidelines.pdf.

**Deadlines:** Abstracts are due by October 17, 2016. Authors will be notified regarding acceptance of their abstract for presentation and/or publication by November 17, 2016. Papers are due by March 1, 2017, for manuscript review. Final papers are due July 1, 2017.

**Send to:** Editorial Committee, PBSDAnaheim@gmail.com.

### Notable Concrete in Detroit and Vicinity

**Document:** Compendium of notable concrete in and nearby Detroit, MI, for e-publication at The ACI Concrete Convention and Exposition – Spring 2017, March 26-30, 2017, in Detroit, MI; compiled by ACI Committee 124, Concrete Aesthetics, and cosponsored by the Greater Michigan Chapter – ACI and AIA Detroit. The document also will be available as an electronic file on the ACI website, and may be excerpted in Concrete International. Images submitted will be stored and available as electronic files on the ACI website and may be used in ACI educational and promotional materials. Exceptional images may merit placement on the cover of Concrete International.

**Solicited:** Image and brief description of notable concrete (cast-in-place, precast, post-tensioned, FRP, masonry, tilt-up, etc.) in all types of uses: buildings, monuments, pavement, silos, bridges, crypts, furniture, retaining walls, utility poles, tanks, sculpture, culverts, plazas, and whatever else has caught your attention. Significance may be historic, aesthetic, sustainable, functional, structural, construction-related, unusual use or application, or simply personal affection.

**Requirements:** 1) name and location of submission; 2) image (photograph, drawing, or sketch) that is not copyrighted; 3) brief description that establishes significance and lists credits; and 4) submitter’s name, title, organization, city and state, telephone, and e-mail address. Location information should include zip code. Submit all information in electronic format: image as JPEG or TIFF file at least 1 MB (but no more than 4 MB); text in e-mail or as MS Word document (120 words maximum).

**Deadline:** Submissions are due by December 1, 2016.

**Send to:** Michael J. Paul, Larsen & Landis, 1400 N. American Street #205, Philadelphia, PA 19122, e-mail: mpaul@larsenlandis.com.

### Calls for Papers: Submission Guidelines

Calls for papers should be submitted no later than 3 months prior to the deadline for abstracts. Please send meeting information, papers/presentations being solicited, abstract requirements, and deadline, along with full contact information to: Keith A. Tosolt, Managing Editor, Concrete International, 38800 Country Club Drive, Farmington Hills, MI 48331; e-mail: keith.tosolt@concrete.org. Visit www.callforpapers.concrete.org for more information.