Meeting Agenda #64

365: Service Life Prediction
Rosemont, IL
Monday, March 30, 2020: 9:00 to 12:00 am
International A

Mission: Develop and report information on the service life of concrete structures.

Chair: Kyle Stanish
Secretary: Jose Pacheco

1. Administrative
   1.1. Self-Introductions and Membership Update
       1.1.1. Regrets: Mette Geiker
   1.2. Approval of the previous meeting’s minutes.
   1.3. Approval of Agenda

2. Meetings of Interest
   2.1 7th International Conference on Durability of Concrete Structures (ICDCS2020), June 3-5, 2020, Jinan, China, Dr. Pengkun Hou
   2.2 VIII International Conference of the Spanish Association for Structural Engineering (ACHE) 2020, June 17-19, 2020, Santander, Spain, Héctor Bernardo Gutiérrez
   2.3 11th ACI/RILEM International Conference on Cementitious Materials and Alternative Binders for Sustainable Concrete (ICCM2020), June 29-July 1, 2020, Toulouse France, Dr. Arezki Tagnit-Hamou
   2.4 Others

3. Presentations
   3.1 Mahmoud Shakouri, University of Nebraska-Lincoln “pH-Dependent Chloride Desorption Isotherms of Portland Cement Paste”
   3.2 Charbel Aoun, ACTS “Service Life Assessment of Reinforced Concrete Structures subjected to Chloride Ion Diffusion”
   3.3 Ben Sadawi, MMFX, “ASTM A1035 and Durability in North America”

   4.1. Review Ballots: Definitions
   4.2. Next Steps
4.3 Schedule:

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<tr>
<td>Fall 2017 (Anaheim)</td>
<td>Identify Chapter Leads</td>
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<td>Spring 2018 (Salt Lake City)</td>
<td>Chapter Outlines</td>
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<td>Fall 2018 (Las Vegas)</td>
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<td>Spring 2019 (Quebec City)</td>
<td>First Ballot – Chapter 3</td>
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<td>Fall 2019 (Cincinnati)</td>
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<td>Spring 2020 (Rosemont, IL)</td>
<td>Definitions Balloting</td>
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<td>Fall 2020 (Raleigh)</td>
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<td>Spring 2021 (Baltimore)</td>
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<td>Fall 2021 (Atlanta)</td>
<td>Finalize to Submit to TAC</td>
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<td>Spring 2022 (Orlando)</td>
<td>TAC Comments</td>
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<td>Fall 2022 (Dallas, TX)</td>
<td>Public Comments</td>
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5. Technical Sessions

Identify Sessions that there is an interest in moving forward, and responsible champions.

5.1. “Benchmarking of Codes and Specifications for Service Life,” Meghadad Hoseini, Raleigh – Fall 2020, Preliminary Session Request

5.2. “Model vs Model (comparison of different models),” Berke

5.3. Durability and service life with 201, Pacheco

5.4. “Service Life and Residual Capacity of Concrete Structures” Chiadiac

5.5. “Implementing Service Life Design”, Church, Nagi

5.6. Service Life Modelling in design/build projects

5.7. Evaluating model sensitivity for different parameters

5.8. Probability analysis to focus on importance of different parameters, Mahmoud

5.9. Service life and ultra-high-performance concrete (liaising with ACI329)

5.10. Performance specifications and Service Life Modelling – possibly joint session with 329

6. Adjournment

6.1 The next meeting will be on Monday, October 26, 2020 from 9-12 at Fall 2020 Convention in Raleigh, NC