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. New Voting Members: None
   1.1.2. New Associate Members: Dennis Muhonen, Premier Concrete Construction; Bassam Sadawi, MMFX Technologies; Mahmoud Shakouri, University Nebraska Kearney;
   1.2. Approval of the previous meeting’s minutes.
   1.3. Approval of Agenda

2. Meetings of Interest
   2.1 Ninth International Conference on Material Science and Engineering (IMS2018), July 23-25, 2018, Toronto, Canada, Dr. Mohamed Sonebi
   2.2 Sixth International Conference on Durability of Concrete Structures (ICDCS2018), September 17-19, 2018, Belfast, Ireland, UK, Prof. PAM Basheer
   2.3 Synercrete 18 – Interdisciplinary Approaches for Cement-Based Materials and Structural Concrete, October 24-26, 2018, Funchal, Madeira Island, Portugal, Prof. Miguel Azenha
   2.4 Third International Conference on Bio-based Building Materials (ICBBM2019), June 26-28, 2019, Belfast, Northern Ireland, UK, Dr. Mohamed Sonebi
   2.5 Fifth International Conference on Sustainable Construction Materials and Technologies, July 14-17, 2019, London, UK, Prof. Peter Claisse
   2.6 Others

3. Presentations
   3.1 COST Action TU1404 - European Union funded network towards the next generation of standards for service life of cement-based materials and structures, by Dirk Schliche
   3.2 Concrete Institute of Australia’s Perspective and Ongoing Work on Service Life Prediction, by Vute Sirivivatnanon

   4.1. Chapter outlines
4.1.1 Chapter 1: Introduction – On Hold
4.1.2 Chapter 2: Definitions and Abbreviations - On Hold
4.1.3 Chapter 3: Project Criteria and Objectives: T. Marcotte and R. Cantin
4.1.4 Chapter 4: Service Life Approach Selection: J. Aldred and N. Berke
4.1.5 Chapter 5: Input Parameters: W. Zatar and D. Trejo
4.1.6 Chapter 6: Modeling: B. Isgor, S. Mahmoud and S. Chidiac
4.1.7 Chapter 7: Results and Evaluation: M. Nagi and S. Zhou
4.1.8 Chapter 8: Implementation: B. Smith and M. Miltenburger
4.1.9 Chapter 9: References – On Hold

4.2 Mandatory Language per ACI TCM 2016

4.3 Schedule:

<table>
<thead>
<tr>
<th>Fall 2017 (Anaheim)</th>
<th>Identify Chapter Leads</th>
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<tr>
<td>Spring 2018 (Salt Lake City)</td>
<td>Chapter Outlines</td>
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<td>Fall 2018 (Las Vegas)</td>
<td>First Ballot – Three Chapters</td>
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<tr>
<td>Spring 2019 (Quebec City)</td>
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<td>Fall 2019 (Cincinnati)</td>
<td>Ballot Revisions, Introduction</td>
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<td>Spring 2020 (Chicago)</td>
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<td>Fall 2020 (Raleigh)</td>
<td>Finalize to Submit to TAC</td>
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<td>Spring 2021 (Baltimore)</td>
<td>TAC Comments</td>
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<td>Fall 2021 (Atlanta)</td>
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<tr>
<td>Spring 2022 (TBD)</td>
<td>Published</td>
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5. Technical Sessions

Identify Sessions that there is an interest in moving forward, and responsible champions. These can either be full sessions or mini-sessions.

5.1. “Service Life and Safety of Concrete Structures”
5.2. “Implementing service life design”
5.3. Service Life Modelling in design/build projects
5.4. Evaluating model sensitivity for different parameters
5.5. Probability analysis to focus on importance of different parameters
5.6. Service life and ultra-high-performance concrete (liaising with ACI329)
5.7. Performance specifications and Service Life Modelling – possibly joint session with 329

6. Adjournment

6.1 The next meeting will be on Monday, October 15, 2018 from 9-11 at Fall 2018 Convention in Las Vegas, NV.