

ACI COMMITTEE 349 MEETING AGENDA
Chair: Adeola Adediran
2018 Spring Convention • Salt Lake City, UT

Tuesday, March 27, 2018
GA – Grand Salon

MINI SESSION:

On the Use of Advanced Finite Element Methods for Design of Reinforced concrete Nuclear Structures

Analysis and Design of Concrete Nuclear Structures for Accident Thermal Loading: Kadir Sener, Amit H. Varma, and Saahastaranshu Bharadwaj - Purdue University	01:30 PM
Numerical Simulation of the Limit State of a 1:4-Scale Prestressed Concrete Containment Vessel (PCCV): Jian Wu and Ding-Di Hao - South China University of Technology, Meng Chu - Shanghai Nuclear Engineering Research and Design Institute	01:50 PM
A Performance Based Design of a Reinforced Support Structure of Advanced Passive Cooling System in NPP: Meng Chu - Shanghai Nuclear Engineering Research and Design Institute	02:10 PM
Finite Element Analysis of the Structural Behaviors of Pre-Stressed Concrete Slabs Subjected to Blast Loadings: Seongkug Ha and Raeyoung Jung - Korea Institute of Nuclear Safety	02:30 PM
Questions and Answers	02:50 PM
BREAK	03:00 PM

ACI 349 MAIN COMMITTEE MEETING:

1. Welcome and Introductions	03:15 PM
A. Introduction of Members in Attendance	
B. Introduction of New Associate Members and Membership Changes	
i. Associate Members: Boyd Zander, Kai Zhang, Ossama Ali	
ii. Voting Member: Sungjin Bae	
iii. Subcommittee B and C Voting Member: Madhumita Sircar	
iv. John Love – Retirement	
v. Chris Pantelides – ACI Fellow	
C. Updates to Address/Phone List	
2. Approval of Anaheim, CA Meeting Minutes	03:35 PM
3. Report of Subcommittee A, B, and C Meetings	03:45 PM
4. Meeting Times for Las Vegas, NV Convention	03:55 PM
5. Adjournment	04:00 PM

**ACI 349 Subcommittee A (Materials): Partha Ghosal &
Subcommittee B (Design): Branko Galunic**
2018 Spring Convention • Salt Lake City, UT

**Monday, March 26, 2018
LA – Grand Ballroom C**

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| 1. Call to Order - Introductions of All Attendees | 01:00 PM |
| 2. Approval of Anaheim, CA Meeting Minutes | 01:10 PM |
| 3. Task Group Update – ACI 349.4R – Ola Joval, Neb Orbovic & Adeola Adediran | 01:40 PM |
| BREAK | 02:30 PM |
| 4. Presentation – IAEA Report – Safety Aspects of Nuclear Power Plants in Human Induced External Event –
Nebojsa Orbovic | 02:45 PM |
| 5. Updates from Chapter Owners and Discussion of Schedule | 03:15 PM |
| 6. Adjournment of Meeting | 04:00 PM |

ACI 349 Subcommittee C – ANCHORAGE: John Silva
2018 Spring Convention • Salt Lake City, UT

Monday, March 26, 2018
LA – Grand Ballroom C

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| 1. Call to Order - Introduction of all Attendees | 08:00 AM |
| 2. Approval of Anaheim, CA Meeting Minutes | 08:10 AM |
| 3. Task Group Update – Deformed Bar Anchors: Amit Varma | 08:20 AM |
| 4. Update on Shear Lugs: Ron Cook / Branko Galunic / John Silva | 09:00 AM |
| 5. Report from ACI 355 – Lee Mattis / Other ACI 355 Members | 09:35 AM |
| BREAK | 09:50 AM |
| 6. Research Presentation: Investigations Related to Code Anchorage Provisions: D. Gaspar | 10:00 AM |
| 7. Updates from Chapter Owners and Discussion of Schedule | 10:50 AM |
| 8. Adjournment of Meeting | 11:00 AM |

Dates

Fall 2018	October 14-18
Spring 2019	March 24-28
Fall 2019	October 20-24
Spring 2020	March 29 - April 2

Location

Las Vegas, NV – Rio All-Suites Hotel & Casino
Quebec City, Quebec, Canada – Quebec City Convention Centre and Hilton Quebec
Cincinnati, OH – Duke Energy Convention Center & Hyatt Regency Cincinnati
Rosemont, IL – Hyatt Regency O'Hare