

**Membership:**

1. Co-Editor-in-Chief of *Journal of Infrastructure Intelligence and Resilience* (Publisher: Elsevier);
2. Co-Editor-in-Chief of *Intelligent Transportation Infrastructure* (Publisher: Oxford University Press);
3. Academic Editor of *Structural Control and Health Monitoring* (Publisher: Wiley & Hindawi Partnership) (SCI);
4. Associate Editor of *Journal of Vibration and Control* (Publisher: SAGE Publications) (SCI);
5. Associate Editor of *Journal of Civil Structural Health Monitoring* (Publisher: Springer) (SCI);
6. Member of Advisory Board for *International Journal of Railway Research*;
7. Member of Editorial Board for *Engineering Structures* (Publisher: Elsevier) (SCI);
8. Member of Editorial Board for *Smart Structures and Systems: An International Journal* (Publisher: Techno-Press) (SCI);
9. Member of Editorial Board for *Advances in Structural Engineering: An International Journal* (Publisher: SAGE Publications) (SCI);
10. Member of Editorial Board for *Advanced Steel Construction: An International Journal* (Publisher: The Hong Kong Institute of Steel Construction) (SCI);
11. Member of Editorial Board for *Structural Monitoring and Maintenance: An International Journal* (Publisher: Techno-Press) (ESCI);
12. Member of Editorial Board for *Transportation Safety and Environment* (Publisher: Oxford University Press) (ESCI);
13. Member of Editorial Board for *Advances in Bridge Engineering* (Publisher: Springer Nature Group);
14. Fellow of the Hong Kong Institution of Engineers (HKIE) (Structural Discipline);
15. Vice President (Finance) of International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII) (since 2019);
16. Board Member of International Association for Structural Control and Monitoring (IASCM) (since 2020);
17. Executive Member of International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII) (since 2019);
18. Council Member of International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII) (since 1/11/2011);
19. Co-Chair of the Committee on Standardization, International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII);
20. Executive Board Member of the Asian-Pacific Network of Centers for Research in Smart Structures Technology (ANCRiSST);
21. Standing Committee Member, Committee on Structural Vibration Control and Health Monitoring, Chinese Society for Vibration Engineering;
22. Senior Member, China Electrotechnical Society;
23. Member of Specialty Committee on Electrical and Electronic Technologies for Rail Transportation, China Electrotechnical Society;
24. Member of Academic Committee of Joint International Research Laboratory of Rail Transportation Safety, Central South University, Changsha,

China;

25. Member of Scientific Steering Committee of Hunan Province's Key Laboratory on Wind Engineering and Bridge Engineering;
26. Member of American Society of Civil Engineers (ASCE);
27. Member of Institute of Electrical and Electronics Engineers (IEEE);
28. Member of International Society for Structural Health Monitoring of Intelligent Infrastructure (ISHMII);
29. Member of International Association for Bridge Maintenance and Safety (IABMAS);
30. Member of International Association for Life-Cycle Civil Engineering (IALCCE).

***Conference committee member:***

1. Member of Scientific Committee of the 20th World Conference on Non-Destructive Testing, 27-31 May 2024, Incheon, Korea;
2. Member of International Advisory Board of the 8th International Conference on Structural Engineering, Mechanics and Computation, 5-7 September 2022, Cape Town, South Africa;
3. Member of Conference Editorial Board of the 5th International Conference on Railway Technology: Research, Development and Maintenance, 22-25 August 2022, Montpellier, France;
4. Member of International Scientific Committee of the 10th European Workshop on Structural Health Monitoring, 4-7 July 2022, Palermo, Italy;
5. Member of International Advisory Board of the 15th International Conference on Modern Materials and Technologies - Symposium FO: Embodying Intelligence in Structures and Integrated Systems, 25-29 June 2022, Perugia, Italy;
6. Member of International Scientific Committee of the 8th World Conference on Structural Control and Monitoring, 5-8 June 2022, Orlando, Florida, USA;
7. Member of Scientific Committee of NSFC-RGC Forum for Young Scholars on Future Transportation Infrastructure Development, 11-12 December 2021, Xi'an, China;
8. Member of Experts Committee of the 3rd International Workshop on Structural Health Monitoring for Railway System, 22-23 October 2021, Qingdao, China;
9. Member of Scientific Committee of the 15th International Workshop on Advanced Smart Materials and Smart Structures Technology, 23-26 July 2021, West Lafayette, Indiana, USA;
10. Member of International Advisory and Scientific Committees of the 10th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 30 June - 2 July 2021, Porto, Portugal;

11. Member of International Scientific Committee of the 2021 International Conference on Infrastructural Diagnosis, Prognosis and Management, 16-18 April 2021, Nanjing, China;
12. Member of Program Committee of the 2021 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 7-10 March 2021, Online;
13. Member of Organizing Committee of the 4th International Workshop on Seawater Sea-sand Concrete (SSC) Structures Reinforced with FRP Composites, 9-11 January 2021, Hong Kong;
14. Member of Scientific Committee of the 11th International Conference on Structural Dynamics, 23-26 November 2020, Athens, Greece;
15. Co-Chair of the 2020 International Conference on Sustainable and Innovative Infrastructure, 22-24 October 2020, Tainan, Taiwan;
16. Member of Program Committee of the 2020 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 26-30 April 2020, Anaheim, California, USA;
17. Member of Organizing Committee of the 3rd International Workshop on Seawater Sea-sand Concrete (SSC) Structures Reinforced with FRP Composites, 11-12 January 2020, Shenzhen, China;
18. Member of Organizing Committee of the 3rd International Workshop on Seawater Sea-sand Concrete (SSC) Structures Reinforced with FRP Composites, 11-12 January 2020, Hong Kong;
19. Chair of Organizing Committee of the 3rd China Forum on Health Management Technology for High-Speed Railway, 20-21 November 2019, Beijing, China.
20. Member of International Organization Committee of the 12th International Workshop on Structural Health Monitoring, 10-12 September 2019, Stanford, California, USA;
21. Member of International Advisory Board of the 7th International Conference on Structural Engineering, Mechanics and Computation, 2-4 September 2019, Cape Town, South Africa;
22. Member of Advisory Committee of the 10th Cross-Strait Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 23-26 August 2019, Wuhan, China;
23. Member of International Scientific Committee of the 9th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 4-7 August 2019, St. Louis, USA;
24. Member of Scientific Committee of the 14th International Workshop on Advanced Smart Materials and Smart Structures Technology, 18-21 July 2019, Rome, Italy;

25. Member of International Scientific Committee of the 15th International Conference on Railway Engineering, 3-4 July 2019, Edinburgh, UK;
26. Member of Scientific Committee of the 1st National Conference on Computation and Simulation Technology in Civil Engineering, 24-26 May 2019, Wuhan, China;
27. Member of Academic Committee of the 1st International Conference on Smart Materials and Structures, 18-19 May 2019, Jingzhou, China;
28. Chair of Organizing Committee of the Workshop on Structural Health Monitoring System for Smart Infrastructure and Buildings, 27 April 2019, Hong Kong;
29. Member of Scientific Committee of the International Conference on Civil, Architecture and Marine Engineering, 22-23 April 2019, Osaka, Japan;
30. Chair of Organizing Committee of the 1st Workshop on Guangdong-Hong Kong-Macao Greater Bay Area Maglev and Advanced Rail Transit Development, 21 March 2019, Hong Kong;
31. Member of Program Committee of the 2019 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 3-7 March 2019, Denver, Colorado, USA;
32. Member of International Scientific Committee of the 8th International Conference on Acoustics and Vibration, 4-5 December 2018, Tehran, Iran;
33. Member of Organizing Committee of the 2nd International Workshop on Seawater Sea-sand Concrete (SSC) Structures Reinforced with FRP Composites, 1-2 December 2018, Hong Kong;
34. Member of International Scientific Committee of the 7th Asia-Pacific Workshop on Structural Health Monitoring, 13-15 November 2018, Hong Kong;
35. Member of Organizing Committee of the 2nd International Workshop on Structural Health Monitoring for Railway System, 17-19 October 2018, Qingdao, China;
36. Member of Conference Editorial Board of the 4th International Conference on Railway Technology: Research, Development and Maintenance, 3-7 September 2018, Sitges, Barcelona, Spain;
37. Member of Advisory Committee of the 9th Cross-Strait Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 19-22 August 2018, Fuzhou, China;
38. Member of International Scientific Committee of the 7th World Conference on Structural Control and Monitoring, 22-25 July 2018, Qingdao, China;

39. Member of International Scientific Committee of the 1st ZJU-HKPU-UIUC-UT-UNIST (ZHITU) Symposium on Advances in Civil Engineering, 12-14 July 2018, Hangzhou, China;
40. Member of International Scientific Committee of the 9th European Workshop on Structural Health Monitoring, 10-13 July 2018, Manchester, UK;
41. Member of Program Committee of the 2018 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 4-8 March 2018, Denver, Colorado, USA;
42. Member of Scientific Committee of the 2017 International Forum on High-Speed Railway, 16-19 December 2017, Changsha, China;
43. Member of International Scientific Committee of the 8th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 5-8 December 2017, Brisbane, Australia;
44. Member of International Scientific Committee of the 7th International Conference on Acoustics and Vibration, 28-29 November 2017, Tehran, Iran;
45. Member of Scientific Committee of the 7th National Workshop on Structural Control and Health Monitoring, 11-12 November 2017, Wuhan, China;
46. Member of Academic Committee of the 6th International Forum on Opto-electronic Sensor-based Monitoring in Geo-engineering, 3-5 November 2017, Nanjing, China;
47. Member of International Scientific Committee of the 7th International Symposium on Innovation and Sustainability of Structures in Civil Engineering, 28-30 September 2017, Xi'an, China;
48. Member of International Organization Committee of the 11th International Workshop on Structural Health Monitoring, 12-14 September 2017, Stanford, California, USA;
49. Member of Advisory Committee of the 8th Cross-Strait Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 21-26 August 2017, Hangzhou, China;
50. Vice Chairman of Scientific Committee of the 1st International Symposium on Earthquake Engineering and Structural Dynamics, 18-20 July 2017, Lanzhou, China;
51. Member of Technical Program Committee of the 4th Conference on Sensors and Networks, 18-20 May 2017, Shenzhen, China;
52. Member of Program Committee of the 2017 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 25-29 March 2017, Portland, Oregon, USA;

53. Member of International Scientific Committee of the 6th International Conference on Acoustics and Vibration, 7-8 December 2016, Tehran, Iran;
54. Member of Academic Committee of the International Conference on Theory and Application of Random Vibration, 5-6 November 2016, Fuzhou, China;
55. Member of Scientific Committee of the 7th International Symposium on Environmental Vibration and Transportation Geodynamics, 28-30 October 2016, Hangzhou, China;
56. Member of Organizing Committee of the 1st International Workshop on Structural Health Monitoring for Railway System, 12-14 October 2016, Qingdao, China;
57. Member of Organizing Committee of the RISUD Annual International Symposium 2016 - Smart Cities, 23-24 August 2016, Hong Kong;
58. Member of International Scientific Committee of the 8th European Workshop on Structural Health Monitoring, 5-8 July 2016, Bilbao, Spain;
59. Member of Advisory Committee of the 7th Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 5-7 July 2016, Taipei, Taiwan;
60. Member of International Advisory Board of the 5th International Conference on Smart and Multifunctional Materials, Devices, Structures - Symposium G: Embodying Intelligence in Structures and Integrated Systems, 5-10 June 2016, Perugia, Italy;
61. Member of Technical Program Committee of the 3rd Conference on Sensors and Networks, 28-30 May 2016, Nanjing, China;
62. Member of Program Committee of the 2016 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 20-24 March 2016, Las Vegas, Nevada, USA;
63. Member of International Scientific Committee of the 2nd International Symposium on Life-Cycle Performance of Bridges and Structures, 18-20 December 2015, Changsha, China;
64. Member of International Scientific Committee of the 5th International Conference on Acoustics and Vibration, 25-26 November 2015, Tehran, Iran;
65. Member of Organizing Committee of the 10th International Workshop on Structural Health Monitoring, 1-3 September 2015, Stanford, California, USA;
66. Member of Scientific Committee of the 6th Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 13-16 August 2015, Xiamen, China;
67. Member of Scientific Committee of the Joint 6th International Conference on Advances in Experimental Structural Engineering and 11th

- International Workshop on Advanced Smart Materials and Smart Structures Technology, 1-2 August 2015, Urbana, USA;
68. Member of International Scientific Committee of the 6th International Symposium on Innovation and Sustainability of Structures in Civil Engineering, 26-27 July 2015, Beijing, China;
  69. Member of International Scientific Committee of the 7th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 1-3 July 2015, Turin/Torino, Italy;
  70. Member of Academic Committee of the 12th International Far East Forum on Nondestructive Evaluation and Testing, 28-31 May 2015, Zhuhai, China;
  71. Member of Technical Program Committee of the 2nd Conference on Sensors and Networks, 24-26 May 2015, Beijing, China;
  72. Member of Academic Committee of the 4th International Conference on Recent Advances in Railway Engineering, 18-19 May 2015, Tehran, Iran;
  73. Member of Program Committee of the 1st Annual World Congress of Smart Materials-2015, 23-25 March 2015, Busan, Korea;
  74. Member of Program Committee of the 2015 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 8-12 March 2015, San Diego, California, USA;
  75. Member of Scientific Committee of the International Congress on Advanced Railway Engineering, 2-4 March 2015, Istanbul, Turkey;
  76. Member of Organizing Committee of the ASCE 2015 Engineering Mechanics Institute International Conference, 7-9 January 2015, Hong Kong;
  77. Member of Organizing Committee of the International Symposium on Emerging Materials and Technologies for Sustainable Infrastructure, 7-9 January 2015, Hong Kong;
  78. Member of International Scientific Committee of the 4th International Conference on Acoustics and Vibration, 10-11 December 2014, Tehran, Iran;
  79. Member of International Organizing Committee of the 5th Asia-Pacific Workshop on Structural Health Monitoring, 4-5 December 2014, Shenzhen, China;
  80. Member of International Academic Committee of the 5th International Forum on Opto-electronic Sensor-based Monitoring in Geo-engineering, 13-14 October 2014, Nanjing, China;
  81. Member of Scientific and Technical Committee of the International Forum on Civil Engineering Reform: A Strategic Roadmap to Global Prosperity and Resiliency, 10-14 October 2014, Nanjing, China;

82. Member of Scientific Committee of the 2nd International Conference on Structural Health Monitoring and Integrity Management, 24-26 September 2014, Nanjing, China;
83. Member of International Scientific Committee of the 2014 International Conference on Advances in Structural Monitoring and Maintenance, 24-28 August 2014, Busan, Korea;
84. Member of Organizing Committee of the 5th Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 21-24 August 2014, Xi'an, China;
85. Member of International Scientific Committee of the 6th World Conference on Structural Control and Monitoring, 15-17 July 2014, Barcelona, Spain;
86. Member of International Scientific Committee of the 7th European Workshop on Structural Health Monitoring, 8-11 July 2014, Nantes, France;
87. Member of International Scientific Committee of the International Workshop on Nondestructive Testing in Railway Applications, 21-22 June 2014, Chengdu, China;
88. Member of Academic Committee of the 11th International Far East Forum on Nondestructive Evaluation and Testing, 20-23 June 2014, Chengdu, China;
89. Member of Technical Program Committee of the 2014 Conference on Sensors and Networks, 16-18 May 2014, Suzhou, China;
90. Member of Program Committee of the 2014 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 9-13 March 2014, San Diego, California, USA;
91. Executive Member of Organizing Committee of the 6th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 9-11 December 2013, Hong Kong;
92. Member of Organizing Committee of the 9th International Workshop on Structural Health Monitoring, 10-12 September 2013, Stanford, California, USA;
93. Member of Organizing Committee of the 4th Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 4-9 August 2013, Hohhot, China;
94. Member of International Scientific Committee of the 5th International Symposium on Innovation and Sustainability of Structures in Civil Engineering, 6-7 July 2013, Harbin, China;
95. Member of Scientific Committee of the International Conference on Earthquake Engineering - 50 Years of Skopje Earthquake and European



- Earthquake Engineering, 29-31 May 2013, Skopje, Macedonia;
96. Member of Academic Committee of the 3rd International Conference on Recent Advances in Railway Engineering, 30 April - 1 May 2013, Tehran, Iran;
  97. Member of Program Committee of the 2013 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 10-14 March 2013, San Diego, California, USA;
  98. Member of Organizing Committee of the 1st International Conference on Performance-based and Life-cycle Structural Engineering, 5-7 December 2012, Hong Kong;
  99. Member of International Advisory Committee of the International Symposium on Geotechnical Engineering for High-speed Transportation Infrastructure, 26-28 October 2012, Hangzhou, China;
  100. Member of Academic Committee of the 4th International Forum on Opto-Electronic Sensor-Based Monitoring in Geo-Engineering, 11-13 October 2012, Suzhou, China;
  101. Member of Academic Committee of the 2012 National Postgraduate Forum on Spatial Structures, 26-28 October 2012, Hangzhou, China;
  102. Co-Chair of Organizing Committee of the 3rd Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 20-23 August 2012, Taipei, Taiwan;
  103. Member of Organizing Committee of the 7th International Workshop on Advanced Smart Materials and Smart Structures Technology, 27-28 July 2012, Bangalore, India;
  104. Member of Advisory Committee of the 13th International Conference on Inspection, Appraisal, Repairs and Maintenance of Structures, 27-28 July 2012, Wuyishan, China;
  105. Member of International Scientific Committee of the 6th European Workshop on Structural Health Monitoring, 3-6 July 2012, Dresden, Germany;
  106. Member of International Advisory Board of the 4th International Conference on Smart Materials, Structures and Systems - Symposium G: Embodying Intelligence in Structures and Integrated Systems, 10-15 June 2012, Montecatini Terme, Italy;
  107. Member of Program Committee of the 2012 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 11-15 March 2012, San Diego, California, USA;
  108. Member of Organizing Committee of the 14th Asia Pacific Vibration Conference, 5-8 December 2011, Hong Kong;
  109. Member of International Scientific Committee of the 4th International Symposium on Innovation and Sustainability of Structures in Civil

- Engineering, 28-30 October 2011, Xiamen, China;
110. Member of International Scientific Committee of the 2011 International Conference on Smart Structures and Systems, 18-23 September 2011, Seoul, Korea;
  111. Member of Organizing Committee of the 8th International Workshop on Structural Health Monitoring, 13-15 September 2011, Stanford, California, USA;
  112. Member of Organizing Committee of the 6th International Workshop on Advanced Smart Materials and Smart Structures Technology, 25-26 July 2011, Dalian, China;
  113. Chair of Organizing Committee of the 1st International Workshop on High-speed and Intercity Railways, 19-22 July 2011, Shenzhen and Hong Kong, China;
  114. Chair of Organizing Committee of the 2nd Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 16-17 July 2011, Hong Kong;
  115. Co-Chair of Organizing Committee of the 5th Cross-Strait Conference on Structural and Geotechnical Engineering, 13-15 July 2011, Hong Kong;
  116. Member of Program Committee of the 2011 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 6-10 March 2011, San Diego, California, USA;
  117. Member of Organizing Committee of the 11th International Symposium on Structural Engineering, 18-20 December 2010, Guangzhou, China;
  118. Member of Scientific Committee of the 8th National Postgraduate Conference of Civil Engineering, 27-28 November 2010, Hangzhou, China;
  119. Member of Scientific Committee of the 1st Cross-Strait Conference on Earthquake Engineering for Young Researchers, 19-24 October 2010, Taipei, Taiwan;
  120. Member of International Scientific Committee of the 5th European Workshop on Structural Health Monitoring, 29 June - 2 July 2010, Sorrento, Naples, Italy;
  121. Member of Organizing Committee of the 6th International Conference on Advances in Steel Structures, 16-18 December 2009, Hong Kong;
  122. Member of International Scientific and Organizing Committee of the 4th International Symposium on Environmental Vibration: Prediction, Monitoring, Mitigation and Evaluation, 28-30 October 2009, Beijing, China;
  123. Member of Organizing Committee of the 20th International Conference on Adaptive Structures and Technologies, 20-22 October 2009, Hong Kong;

124. Member of Steering Committee of the 5th International Workshop on Advanced Smart Materials and Smart Structures Technology, 29-31 July 2009, Boston, Massachusetts, USA;
  125. Member of International Scientific Committee of the 3rd International Symposium on Environmental Vibration: Prediction, Monitoring, Mitigation and Evaluation, 28-30 November 2007, Taipei, Taiwan;
  126. Member of Organizing Committee of the World Forum on Smart Materials and Smart Structures Technology, 22-27 May 2007, Chongqing & Nanjing, China;
  127. Member of Organizing Committee of the 4th Cross-Strait Conference on Structural and Geotechnical Engineering, 24-26 April 2007, Hangzhou, China.
  128. Member of Scientific Committee of the 4th World Conference on Structural Control and Monitoring, 11-13 July 2006, San Diego, California, USA;
  129. Member of Organizing Committee of the 2nd International Conference on Structural Health Monitoring and Intelligent Infrastructure, 16-18 November 2005, Shenzhen, China;
  130. Member of Organizing Committee of the 1st International Conference on Structural Health Monitoring and Intelligent Infrastructure, 13-15 November 2003, Tokyo, Japan;
  131. Member of Scientific and Organizing Committee of the International Seminar on Environmental Vibration, 16-18 October 2003, Hangzhou, China;
  132. Member of Organizing Committee of the China-Japan Workshop on Vibration Control and Health Monitoring of Structures, 8-10 December 2002, Shanghai, China;
  133. Member of Organizing Committee of the 3rd International Conference on Advances in Steel Structures, 9-11 December 2002, Hong Kong;
  134. Member of Organizing Committee of the International Conference on Advances and New Challenges in Earthquake Engineering Research, 15-20 August 2002, Harbin and Hong Kong, China;
  135. Member of Organizing Committee of the International Conference on Advances in Structural Dynamics, 13-15 December 2000, Hong Kong.
- Conference session chair:***
1. Session Chair of the 3rd International Workshop on Seawater Sea-sand Concrete (SSC) Structures Reinforced with FRP Composites, 11-12 January 2020, Shenzhen, China;
  2. Session Chair of the 12th International Workshop on Structural Health Monitoring, 10-12 September 2019, Stanford, California, USA;

3. Session Chair of the 10th Cross-Strait Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 23-26 August 2019, Wuhan, China;
4. Session Chair of the 9th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 4-7 August 2019, St. Louis, USA;
5. Session Chair of the 14th International Workshop on Advanced Smart Materials and Smart Structures Technology, 18-21 July 2019, Rome, Italy;
6. Session Chair of the 1st International Conference on Smart Materials and Structures, 18-19 May 2019, Jingzhou, China;
7. Session Chair of the 1st “Belt and Road” Symposium on Innovative Technologies for Infrastructure, 18-19 December 2018, Shanghai, China;
8. Session Chair of the 2018 IEEE International Conference on Intelligent Rail Transportation, Singapore, 12-14 December 2018;
9. Session Chair of the 2nd Forum on New Technologies for Health Management of High-Speed Rail Infrastructure, 17-18 November 2018, Beijing, China;
10. Session Chair of the 9th Cross-Strait Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 19-22 August 2018, Fuzhou, China;
11. Session Chair of the 7th World Conference on Structural Control and Monitoring, 22-25 July 2018, Qingdao, China;
12. Session Chair of the 9th European Workshop on Structural Health Monitoring, 10-13 July 2018, Manchester, UK;
13. Session Chair of the 1st ZJU-HKPU-UIUC-UT-UNIST (ZHITU) Symposium on Advances in Civil Engineering, 12-14 July 2018, Hangzhou, China;
14. Session Chair of the 2017 International Forum on High-Speed Railway, 16-19 December 2017, Changsha, China;
15. Session Chair of the 8th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 5-8 December 2017, Brisbane, Australia;
16. Session Chair of the 7th National Workshop on Structural Control and Health Monitoring, 11-12 November 2017, Wuhan, China;
17. Session Chair of the 11th International Workshop on Structural Health Monitoring, 12-14 September 2017, Stanford, California, USA;
18. Session Chair of the 2017 World Congress on Advances in Structural Engineering and Mechanics, 28 August - 1 September 2017, Ilsan, Korea;
19. Session Chair of the 8th Cross-Strait Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 21-26 August 2017, Hangzhou, China;
20. Session Chair of the 14th International Conference on Railway Engineering, 21-22 June 2017, Edinburgh, UK;

21. Session Chair of the 8th European Workshop on Structural Health Monitoring, 5-8 July 2016, Bilbao, Spain;
22. Session Chair of the 2nd International Conference on Performance-based and Lifecycle Structural Engineering, 9-11 December 2015, Brisbane, Australia;
23. Session Chair of the 10th International Workshop on Structural Health Monitoring, 1-3 September 2015, Stanford, California, USA;
24. Session Chair of the 2015 World Congress on Advances in Structural Engineering and Mechanics, 25-29 August 2015, Incheon, Korea;
25. Session Chair of the 7th International Conference on Structural Health Monitoring of Intelligent Infrastructure, 1-3 July 2015, Turin/Torino, Italy;
26. Session Chair of the Euromech Colloquium on Stability and Control of Nonlinear Vibrating Systems, 24-28 May 2015, Sperlonga, Italy;
27. Session Chair of the International Symposium on Emerging Materials and Technologies for Sustainable Infrastructure, 7-9 January 2015, Hong Kong;
28. Session Chair of the 5th Asia-Pacific Workshop on Structural Health Monitoring, 4-5 December 2014, Shenzhen, China;
29. Session Chair of the 5th International Forum on Opto-electronic Sensor-based Monitoring in Geo-engineering, 13-14 October 2014, Nanjing, China;
30. Session Chair of the 2014 International Conference on Advances in Structural Monitoring and Maintenance, 24-28 August 2014, Busan, Korea;
31. Session Chair of the 6th World Conference on Structural Control and Monitoring, 15-17 July 2014, Barcelona, Spain;
32. Session Chair of the 7th European Workshop on Structural Health Monitoring, 8-11 July 2014, Nantes, France;
33. Session Chair of the 9th International Conference on Structural Dynamics, 30 June - 2 July 2014, Porto, Portugal;
34. Session Chair of the International Workshop on Nondestructive Testing in Railway Applications, 21-22 June 2014, Chengdu, China;
35. Session Chair of the 9th International Workshop on Structural Health Monitoring, 10-12 September 2013, Stanford, California, USA;
36. Session Chair of the 2013 SPIE Smart Structures/NDE Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 10-14 March 2013, San Diego, California, USA;
37. Session Chair of the 1st International Conference on Performance-based and Life-cycle Structural Engineering, 5-7 December 2012, Hong Kong;
38. Session Chair of the 4th International Workshop on Civil Structural Health Monitoring, 6-8 November 2012, Berlin, Germany;
39. Session Chair of the 3rd Cross-Strait Summer School Workshop on Structural Monitoring and Vibration Control in Civil Engineering, 20-23 August 2012, Taipei, Taiwan;

40. Session Chair of the 13th International Conference on Inspection, Appraisal, Repairs and Maintenance of Structures, 27-28 July 2012, Wuyishan, China;
41. Session Chair of the 6th European Workshop on Structural Health Monitoring, 3-6 July 2012, Dresden, Germany;
42. Session Chair of the 4th International Conference on Smart Materials, Structures and Systems - Symposium G: Embodying Intelligence in Structures and Integrated Systems - II, 10-15 June 2012, Montecatini Terme, Italy;
43. Session Chair of the International Conference on Earthquake Research Challenges in the 21st Century, 18-21 May 2012, Harbin, China;
44. Session Chair of the 14th Asia Pacific Vibration Conference, 5-8 December 2011, Hong Kong;
45. Session Chair of the 2011 International Symposium on Innovation and Sustainability in Civil Engineering, 28-30 October 2011, Xiamen, China;
46. Session Chair of the 5th International Symposium on Environmental Vibration, 20-22 October 2011, Chengdu, China;
47. Session Chair of the 2011 International Conference on Smart Structures and Systems, 18-23 September 2011, Seoul, Korea;
48. Session Chair of the 8th International Workshop on Structural Health Monitoring, 13-15 September 2011, Stanford, California, USA;
49. Session Chair of the 1st International Workshop on High-speed and Intercity Railways, 19-22 July 2011, Shenzhen and Hong Kong, China;
50. Session Chair of the 5th Cross-Strait Conference on Structural and Geotechnical Engineering, 13-15 July 2011, Hong Kong;
51. Session Chair of the 3rd Asia-Pacific Workshop on Structural Health Monitoring, 30 November - 2 December 2010, Tokyo, Japan;
52. Session Chair of the 5th European Workshop on Structural Health Monitoring, 29 June - 2 July 2010, Sorrento, Naples, Italy;
53. Session Chair of the 4th International Symposium on Environmental Vibration: Prediction, Monitoring and Evaluation, 28-30 October 2009, Beijing, China;
54. Session Chair of the 10th International Conference on Structural Safety and Reliability, 13-17 September 2009, Osaka, Japan;
55. Session Chair of the 3rd International Conference on Smart Materials, Structures and Systems, 8-13 June 2008, Acireale, Sicily, Italy;
56. Session Chair of the 3rd International Symposium on Environmental Vibrations: Prediction, Monitoring, Mitigating, and Evaluation, 28-30 November 2007, Taipei, Taiwan;
57. Session Chair of the 2nd International Conference on Advanced Nondestructive Evaluation, 17-19 October 2007, Busan, Korea;
58. Session Chair of the World Forum on Smart Materials and Smart Structures Technology, 22-27 May 2007, Chongqing & Nanjing, China;
59. Session Chair of the 4th World Conference on Structural Control and Monitoring, 11-13 July 2006, San Diego, California, USA;
60. Session Chair of the 2nd International Conference on Structural Health Monitoring and Intelligent Infrastructure, 16-18 November 2005,

Shenzhen, China;

61. Session Chair of the 1st International Conference on Advanced Nondestructive Evaluation, 7-9 November 2005, Jeju, Korea;
62. Session Chair of the 5th International Workshop on Structural Health Monitoring, 12-14 September 2005, Stanford, California, USA;
63. Session Chair of the 2nd International Workshop on Advanced Smart Materials and Smart Structures Technology, 21-24 July 2005, Gyeongju, Korea;
64. Session Chair of the SPIE International Conference on Sensors and Smart Structures Technologies for Civil, Mechanical, and Aerospace Systems, 6-10 March 2005, San Diego, California, USA;
65. Session Chair of the 3rd International Conference on Advances in Structural Engineering and Mechanics, 2-4 September 2004, Seoul, Korea;
66. Session Chair of the 2nd International Conference on Structural Engineering, Mechanics and Computation, 5-7 July 2004, Cape Town, South Africa;
67. Session Chair of the 1st International Conference on Structural Health Monitoring and Intelligent Infrastructure, 13-15 November 2003, Tokyo, Japan;
68. Session Chair of the International Seminar on Environmental Vibration, 16-18 October 2003, Hangzhou, China;
69. Session Chair of the 5th International Conference on Stochastic Structural Dynamics, 11-13 August 2003, Hangzhou, China;
70. Session Chair of the China-Japan Workshop on Vibration Control and Health Monitoring of Structures, 8-10 December 2002, Shanghai, China;
71. Session Chair of the 3rd International Conference on Advances in Steel Structures, 9-11 December 2002, Hong Kong;
72. Session Chair of the International Conference on Advances in Structural Dynamics, 13-15 December 2000, Hong Kong;
73. Session Chair of the International Conference on Advanced Problem in Vibration Theory and Application, 19-22 June 2000, Xi'an, China.

**Guest editor:**

1. Guest editor for a special issue on “Structural Monitoring Using Advanced NDT Techniques: Volume II” in the international journal *MDPI Applied Sciences*, 2022;
2. Guest editor for a special issue on “Structural Health Monitoring (SHM) of High-rise Buildings and Spatial Structures” in *Journal of Civil Structural Health Monitoring*, 2020;
3. Guest editor for a special issue on “Structural Monitoring Using Advanced NDT Techniques” in the international journal *MDPI Applied Sciences*, 2020;
4. Guest editor for a special issue on “A Special Issue Dedicated to Professor Jan Ming Ko” in the international journal *Advances in Structural*

- Engineering*, Vol. 22, N0. 16, 2019;
5. Guest editor for a special issue on “Structural Health Monitoring of High-speed Railway System” in the international journal *Smart Structures and Systems*, Vol. 21, No. 5, 2018;
  6. Guest editor for a special issue on “New Development in Structural Health Monitoring” in the international journal *Smart Structures and Systems*, Vol. 17, No. 6, 2016;
  7. Guest editor for a special issue on “Benchmark Study on Modal Identifiability of Large-scale Structures” in the international journal *Smart Structures and Systems*, Vol. 17, No. 3, 2016;
  8. Guest editor for a special issue on “Research on Rail Transport Infrastructure” in the international journal *Advances in Structural Engineering*, Vol. 16, No. 8, 2013;
  9. Guest editor for a special issue on “Structural Health Monitoring Benchmark for High-Rise Structures” in the international journal *Smart Structures and Systems*, Vol. 10, No. 4-5, 2012;
  10. Guest editor for a special issue on “Structural Health Monitoring and Condition Assessment” in the international journal *Advances in Structural Engineering*, Vol. 15, No. 6, 2012;
  11. Guest editor for a special issue on “Interdisciplinary and Integration Aspects in Structural Health Monitoring” in the international journal *Mechanical Systems and Signal Processing*, Vol. 28, 2012;
  12. Guest editor for a special issue on “Structural Health Monitoring for Civil Structures: From the Lab to the Field” in the international journal *Advances in Civil Engineering*, Vol. 2010, 2010.

***Journal paper reviewer:***

1. Journal of Sound and Vibration;
2. Smart Materials and Structures;
3. Journal of Structural Engineering, ASCE;
4. Journal of Engineering Mechanics, ASCE;
5. Engineering Structures;
6. Journal of Intelligent Material Systems and Structures;
7. Advances in Structural Engineering;
8. Journal of Vibration and Control;



9. Structural Control and Health Monitoring;
10. Computer-Aided Civil and Infrastructure Engineering;
11. Advanced Steel Construction;
12. Structural Engineering and Mechanics;
13. Shock and Vibration;
14. Computers and Concrete;
15. Smart Structures and Systems;
16. Journal of Civil Engineering, KSCE;
17. Journal of Wind Engineering and Industrial Aerodynamics;
18. Wind and Structures;
19. Structure and Infrastructure Engineering;
20. Computers and Mathematics with Applications;
21. IEEE Sensors Journal;
22. Structural Health Monitoring;
23. Mechanical Systems and Signal Processing;
24. Sensors;
25. International Journal of Steel Structures;
26. Journal of Computing in Civil Engineering, ASCE;
27. Advances in Civil Engineering;
28. Sensors and Actuators A: Physical;
29. Journal of Bridge Engineering, ASCE;
30. Journal of Performance of Constructed Facilities, ASCE;
31. International Journal of Non-Linear Mechanics;
32. International Journal of Distributed Sensor Networks;
33. Journal of Rail and Rapid Transit;
34. International Journal of Rail Transportation;

35. International Journal of Structural Stability and Dynamics;
36. International Journal of Vehicle Design;
37. Journal of Civil Structural Health Monitoring;
38. Structural Monitoring and Maintenance;
39. HKIE Transactions;
40. Journal of Aerospace Engineering, ASCE;
41. International Journal of Fatigue;
42. Construction and Building Materials;
43. Measurement;
44. Journal of Low Frequency Noise, Vibration & Active Control;
45. Mathematical Problems in Engineering;
46. Inverse Problems in Science and Engineering;
47. Engineering;
48. Frontiers in Materials;
49. Journal of Zhejiang University – Science A;
50. ZAMM Zeitschrift für Angewandte Mathematik und Mechanik;
51. IEEE Transactions on Intelligent Transportation Systems;
52. Journal of the Brazilian Society of Mechanical Sciences and Engineering;
53. Applied Sciences;
54. International Journal of Hydrogen Energy;
55. Frontiers in Built Environment;
56. Automation in Construction;
57. Journal of Applied and Computational Mechanics;
58. Agronomy;
59. Fractals: Complex Geometry, Patterns, and Scaling in Nature and Society;
60. Electronic Research Archive;

61. Measurement Science and Technology;
62. International Journal of Mechanical Engineering and Robotics Research;
63. Journal of Central South University;
64. Swarm and Evolutionary Computation;
65. Journal of Building Engineering;
66. Advances in Engineering Software;
67. Scientific Reports;
68. International Journal of Mechanical Sciences.

***Examination/promotion board member:***

1. Chair of the Board of Examination for PhD candidate Mr. Sushil Kumar, The Hong Kong Polytechnic University, Hong Kong, 2023;
2. Chair of the Board of Examination for PhD candidate Mr. Jiachen Guo, The Hong Kong Polytechnic University, Hong Kong, 2022;
3. Chair of the Board of Examination for PhD candidate Mr. Kaidi Peng, The Hong Kong Polytechnic University, Hong Kong, 2022;
4. Chair of the Board of Examination for PhD candidate Mr. Yazan Alrefaei, The Hong Kong Polytechnic University, Hong Kong, 2021;
5. External independent reviewer on promotion for Dr. Dr. Alfredo NÚÑEZ VICENCIO, Faculty of Civil Engineering and Geosciences (CEG), Delft University of Technology (TU Delft), The Netherlands (2021);
6. Chair of the Board of Examination for PhD candidate Ms. Xin Yang, The Hong Kong Polytechnic University, Hong Kong, 2020 (oral exam date: 20 August 2020);
7. Chair of the Board of Examination for PhD candidate Mr. Xiaoyi Lan, The Hong Kong Polytechnic University, Hong Kong, 2019 (oral exam date: 12 June 2019);
8. Chair of the Board of Examination for PhD candidate Mr. Zhilu Wang, The Hong Kong Polytechnic University, Hong Kong, 2018 (oral exam date: 22 October 2018);
9. Chair of the Board of Examination for PhD candidate Mr. Zuolei Du, The Hong Kong Polytechnic University, Hong Kong, 2018 (oral exam date: 20 September 2018);
10. Chair of the Board of Examination for PhD candidate Mr. Shuai Fang, The Hong Kong Polytechnic University, Hong Kong, 2018 (oral exam date: 13 April 2018);
11. Chair of the Best Poster Paper Award Committee for the 11th International Workshop on Structural Health Monitoring, 12-14 September 2017,

Stanford, California, USA;

12. External examiner of the Board of Examination for PhD candidate Mr. Stephen Adeyemi ALABI, City University of Hong Kong, Hong Kong, 2017 (oral exam date: 18 August 2017);
13. External examiner of the Board of Examination for PhD candidate Mr. Jun HU, City University of Hong Kong, Hong Kong, 2017 (oral exam date: 28 June 2017);
14. External examiner of the Board of Examination for PhD candidate Mr. Xiangpeng CAO, The Hong Kong University of Science and Technology, Hong Kong, 2017 (oral exam date: 26 June 2017);
15. External examiner of the Board of Examination for PhD candidate Mr. Asad HANIF, The Hong Kong University of Science and Technology, Hong Kong, 2017 (oral exam date: 26 June 2017);
16. External examiner of the Board of Examination for PhD candidate Ms. Yu CHENG, The Hong Kong University of Science and Technology, Hong Kong, 2017 (oral exam date: 26 June 2017);
17. Chair of the Board of Examination for PhD candidate Mr. Yinan Yang, The Hong Kong Polytechnic University, Hong Kong, 2017 (oral exam date: 27 February 2017);
18. External examiner of the Board of Examination for PhD candidate Mr. Chao LIU, The Hong Kong University of Science and Technology, Hong Kong, 2016 (oral exam date: 25 August 2016);
19. External examiner of the Board of Examination for PhD candidate Mr. Huayi PENG, City University of Hong Kong, Hong Kong, 2016 (oral exam date: 15 July 2016);
20. External examiner of the Board of Examination for PhD candidate Mr. Sheng-Wei WANG, National Yunlin University of Science & Technology, Yunlin, Taiwan (2016);
21. Chair of the Board of Examination for PhD candidate Mr. Canxing QIU, The Hong Kong Polytechnic University, Hong Kong (2015);
22. External examiner of the Board of Examination for PhD candidate Ms. Qin HU, City University of Hong Kong, Hong Kong (2015);
23. External reviewer of proposals applying for Multi-Year Research Grant (MYRG) of University of Macau, Macau (2015);
24. External examiner of the Board of Examination for PhD candidate Mr. Theanh NGUYEN, Queensland University of Technology, Australia (2014);
25. Chair of the Board of Examination for PhD candidate Ms. Kun LIU, The Hong Kong Polytechnic University, Hong Kong (2014);
26. Chair of the Board of Examination for PhD candidate Ms. Fung Yuen HO, The Hong Kong Polytechnic University, Hong Kong (2013);

27. Chair of the Board of Examination for PhD candidate Mr. Chung Kei CHAN, The Hong Kong Polytechnic University, Hong Kong (2012);
28. Chair of the Board of Examination for PhD candidate Mr. Jian-gang CHEN, The Hong Kong Polytechnic University, Hong Kong (2010);
29. Chair of the Board of Examination for PhD candidate Mr. Yue-ming HU, The Hong Kong Polytechnic University, Hong Kong (2010);
30. External examiner of the Board of Examination for MPhil candidate Mr. Heung
31. Ming CHOW, City University of Hong Kong, Hong Kong (2009);
32. Chair of the Board of Examination for PhD candidate Mr. Yao-peng LIU, The Hong Kong Polytechnic University, Hong Kong (2009);
33. Chair of the Board of Examination for PhD candidate Ms. Wai Yan TSAI, The Hong Kong Polytechnic University, Hong Kong (2007);
34. External examiner of the Promotion Committee for Dr. Ka Veng YUEN, Faculty of Science and Technology, University of Macau, Macau (2006);
35. Chair of the Board of Examination for PhD candidate Mr. Wai Meng QUACH, The Hong Kong Polytechnic University, Hong Kong (2005).