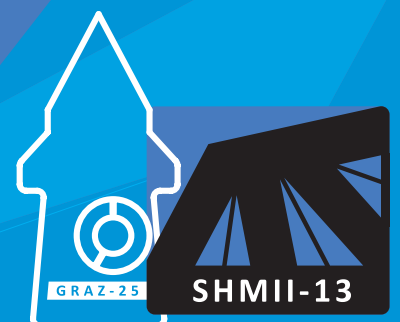




13th International Conference on Structural Health Monitoring of Intelligent Infrastructure SHMII-13

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Dear colleagues,

It is with great respect and appreciation that we present the proceedings of the 13th International Conference on Structural Health Monitoring of Intelligent Infrastructure (SHMII-13), organized under the auspices of the Society for Civil Structural Health Monitoring (SCSHM, formerly ISHMII). This conference served as a dynamic forum for scientists, engineers, industry leaders, researchers, public sector experts, infrastructure owners, and representatives of technical associations from around the world to engage in meaningful exchange and collaboration.

Hosted by Graz University of Technology in Austria, the five-day event brought together a vibrant international community to share recent advances in the field of structural health monitoring (SHM). More than 200 contributions were presented across over 30 sessions, highlighting cutting-edge developments in smart sensing technologies, sensor networks, data processing and management, diagnostics and prognostics, and life-cycle performance evaluation. The scope of discussions spanned a wide range of civil infrastructure, including bridges, dams, tunnels, retaining walls, road and rail networks, high-rise buildings, and more.

These proceedings contain the extended abstracts and full papers presented at the conference. We sincerely thank all authors for their valuable contributions and the scientific committee for their commitment to a thorough and thoughtful double-review process.

We also extend our heartfelt gratitude to everyone who contributed to the successful organization of SHMII-13. This includes the local organizing team, student volunteers, technical staff, supporting institutions, and sponsors, whose dedication, professionalism, and hard work were essential to making this event a success. Their behind-the-scenes efforts ensured a smooth and enriching experience for all participants.

We hope these proceedings will serve as a lasting resource and inspiration for future research, innovation, and international collaboration in the field of SHM.

With kind regards,



Werner Lienhart & Markus Krüger

Chairs of the SHMII-13 Conference

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