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Structural Control and Health Monitoring

EACS Early Career Award in Structural Control & Health Monitoring

[Published Special Issues](#) | First published: 10 June 2024 | Last updated: 31 July 2024

In 2023, the journal launched the EACS Early Career Award in Structural Control & Health Monitoring, which recognises a colleague who is early in their career and making a significant step forward in our understanding of structural control. Papers are selected by a decision panel.

2024 Winner

Bryan Castillo for his role as co-author on a [paper](#) that is well written, it discusses modelling, experimental testing and a hybrid simulation strategy for semiactive and passive structural control.

2023 Winner

Zixiao Wang for his role as co-author on a [paper](#) that makes a contribution to structural control representing a solid step forward in our understanding of structural control.

2022 Winner

David Agis for his role as co-author on a [paper](#) that has a statistical basis justifying the application, resulting in a practical and useful study.

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Comprehensive Assessment of the Seismic Performance of an Innovative Hybrid Semiactive and Passive State Control System for a Low-Degree-of-Freedom Structure Using Real-Time Hybrid Simulation

Bryan Castillo, Diego F. Ceron, Sharick M. Vides, Johannio Marulanda, Peter Thomson

First Published: 24 January 2024

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A Novel Integrated Optimization-Driven Design Framework for Minimum-Weight Lateral-Load Resisting Systems in Wind-Sensitive Buildings Equipped with Dynamic Vibration Absorbers

Zixiao Wang, Agathoklis Giaralis

First Published: 24 February 2023

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RESEARCH ARTICLE

Vibration-based detection and classification of structural changes using principal component analysis and t-distributed stochastic neighbor embedding

David Agis, Diego A. Tibaduiza, Francesc Pozo

First Published: 05 March 2020

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