

1. Record Nr.	UNINA9911035059203321
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Titolo	Proceedings of the 4th International Conference of Steel and Composite for Engineering Structures : 4th ICSCES / / edited by Gabriele Milani, Erica Magagnini, Samir Khatir
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	9783032043504 9783032043498
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (1136 pages)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 746
Altri autori (Persone)	MagagniniErica KhatirSamir
Disciplina	691
Soggetti	Building materials Composite materials Buildings - Design and construction Building Materials Structural Materials Composites Building Construction and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This book provides the latest developments in the field of steel and composite for engineering applications, as presented at the 4th International Conference on Steel and Composite for Engineering Structures (ICSCES), held in Piacenza, Italy, on July 9-12, 2025. It covers a broad blend of topics, which includes - but is not limited to - control and vibration, damage in composite materials, fracture and damage mechanics, construction management, damage tolerance, safety, security, and reliability, big data analytics, topology optimization and artificial intelligence, mechanical and material engineering, structural health monitoring, computer-aided design and manufacturing, crack initiation and propagation, performance and optimization, computational fracture mechanics, inverse problem, non-destructive

testing, signal processing, artificial intelligence, etc. It serves as a reference work for professionals and students in the areas of civil engineering, applied natural sciences, and engineering management.
