

1. Record Nr.	UNINA9910584584703321
Autore	Gottardi Guido
Titolo	Cone Penetration Testing 2022 : Proceedings of the 5th International Symposium on Cone Penetration Testing (CPT'22), 8-10 June 2022, Bologna, Italy
Pubbl/distr/stampa	2022 Milton : , : Taylor & Francis Group, , 2022 ©2022
ISBN	9781003308829 1003308821 9781000780574 1000780570 9781000780475 1000780473
Descrizione fisica	1 electronic resource (2104 p.)
Classificazione	TEC000000TEC009150
Altri autori (Persone)	TonniLaura
Disciplina	624.15136
Soggetti	Soil & rock mechanics Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	This volume contains the proceedings of the 5th International Symposium on Cone Penetration Testing (CPT'22), held in Bologna, Italy, 8-10 June 2022. More than 500 authors - academics, researchers, practitioners and manufacturers – contributed to the peer-reviewed papers included in this book, which includes three keynote lectures, four invited lectures and 169 technical papers. The contributions provide a full picture of the current knowledge and major trends in CPT research and development, with respect to innovations in instrumentation, latest advances in data interpretation, and emerging fields of CPT application. The paper topics encompass three well-established topic categories typically addressed in CPT events: - Equipment and Procedures - Data Interpretation - Applications.

Emphasis is placed on the use of statistical approaches and innovative numerical strategies for CPT data interpretation, liquefaction studies, application of CPT to offshore engineering, comparative studies between CPT and other in-situ tests. Cone Penetration Testing 2022 contains a wealth of information that could be useful for researchers, practitioners and all those working in the broad and dynamic field of cone penetration testing.

---