

**Acoustic forward model for guided wave propagation and scattering in a pipe bend**

Rasgado Moreno, Carlos Omar; Rist, Marek; Land, Raul; Ratassepp, Madis Sensors 2022 / art. 486

<https://doi.org/10.3390/s22020486> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Developing guided wave tomography for a pipe bend = Ultrahelitomograafia toru põlvede kontrollimiseks**

Rasgado Moreno, Carlos Omar 2025 [https://www.eester.ee/record=b5736911\\*est](https://www.eester.ee/record=b5736911*est) <https://digikogu.taltech.ee/et/Item/aac8515a-2964-40c0-9048-983c52f48f1d> <https://doi.org/10.23658/taltech.18/2025>

**Experimental challenges of guided wave tomography based on full waveform inversion for a pipe bend**

Rasgado Moreno, Carlos Omar; Xu, Panpan; Ratassepp, Madis Guided Ultrasonic Waves: Emerging Methods (GUWEM): Linslerhof, Germany, 8-11 July 2024 : Abstracts 2024 / p. 30 <https://doi.org/10.5281/zenodo.12517188>

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**Guided wave tomography of pipe bends based on full waveform inversion**

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Rasgado Moreno, Carlos Omar; Ratassepp, Madis e-Journal of Nondestructive Testing (eJNDT) 2023 <https://www.ndt.net/?id=28371>

**Optimising full waveform inversion with inhomogeneous transducers : parameters and considerations for successful implementation**

Rasgado Moreno, Carlos Omar; Xu, Panpan; Rist, Marek; Ratassepp, Madis SSRN 2024 / 11 p

<https://doi.org/10.2139/ssrn.4848530>

**Optimising full waveform inversion with inhomogeneous transducers: Parameters and considerations for successful implementation**

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