

Publications

Paolucci, R, Mazzieri, I, **Piunno, G**, Smerzini, C, Vanini, M, Özcebe, A. *Earthquake ground motion modeling of induced seismicity in the Groningen gas field*. Earthquake Engng Struct Dyn. 2021; 50: 135–154.
<https://doi.org/10.1002/eqe.3367>

Piunno, G., Masi, F., Stefanou, I., Jommi, C. *Multi-scale modelling of natural composites via Thermodynamics-based Artificial Neural Networks*. Congr es Fran ais de M canique – CFM, AFM. Nantes, 29th August – 2nd September 2022.

Piunno, G. 2023. *Un macro-elemento POD-TANN per la risposta orizzontale ciclica non drenata di un monopalo in argilla*. Incontro annuale dei giovani ingegneri geotecnici, AGI. Padova, 31st May – 1st June 2023

Piunno, G., Stefanou, I., Jommi, C. *A POD-aided TANN approach for learning the homogenized constitutive response of inelastic materials with microstructure*. Computer Methods in Applied Mechanics and Engineering. Submitted.

Piunno, G., Stefanou, I., Jommi, C. *Multi-scale modelling of natural composites using Thermodynamics-based Artificial Neural Networks and dimensionality reduction techniques*. Congresso Nazionale dei Ricercatori Italiani di Geotecnica. Palermo, 5th July – 7th July 2023.

Piunno, G. *Homogenization of microstructured materials via Thermodynamics based Artificial Neural Networks and dimensionality reduction techniques*. Tesi di dottorato. Politecnico di Milano, 2023.