

ABSTRACT TITLE

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Key Words: *Finite element method, Reduced order model (ROM), FE2, Plasticity, solid mechanics, fluid mechanics*

ABSTRACT

People interested in submitting a contribution to **DTE 2027** are requested to submit electronically a one-page Abstract no later than **July 10, 2026**. Abstracts should briefly outline the main features, results and conclusions as well as their general significance, and contain relevant references [1, 2].

The Abstract should be written following the format of the macros for submission that can be found at https://dte2027.iacm.info/call_for_abstracts. They must be translated to **Portable Document Format (PDF)** before submission through the Conference site.

The Abstract has to be written in English with Times-Roman letters. The number of lines of the Abstract body should not exceed 35 lines.

The Abstract must contain the full name and full address of author/s. In the case of joint authorships, the name of the author who will actually present the paper at the Congress should be indicated with asterisk.

Abstracts can only be accepted on the understanding that they will be presented at the Conference.

For any further request, please contact the Scientific Secretariat:

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REFERENCES

- [1] C. Wellmann and P. Wriggers. A two-scale model of granular materials. *Computer Methods in Applied Mechanics and Engineering*, 205-208(1):46–58, 2012.
- [2] F. Feyel, Multiscale FE2 elastoviscoplastic analysis of composite structure, *Computational Materials Science*, 16(1-4):433–454, 1999.