



Contribution ID: 26

Type: **not specified**

A Collection of Inverse Problems in Engineering Applications

Friday, 8 November 2019 11:30 (30 minutes)

The talk presents a series of examples, where engineers are actually faced with inverse problems of different types. Solution strategies and results are given for several examples including poroelasticity and piezoelectricity. The inverse problems are mainly of parameter and source identification type.

A new series of inverse problems comes up by the rapid developments in additive printing techniques. Here, the talk will name some of the newly arising challenges during the characterization of materials which are built by additive printing techniques.

Primary author: LAHMER, Tom

Presenter: LAHMER, Tom