Prof. Marco PICASSO
Mathematics Institute of Computational Science and Engineering - MATHICSE

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SEMINAR OF NUMERICAL ANALYSIS

➤ **WEDNESDAY 20 APRIL 2016 - ROOM CM 09 - 16h15**

Dr. Franz CHOULY (Université de Franche-Comté, Besançon, France) will present a seminar entitled:

"A Nitsche finite element method for dynamic contact (with Patrick Hild and Yves Renard)"

Abstract:

This talk will focus on contact in elastodynamics, with or without friction. We will present an adaptation of Nitsche's method for semi-discretization in space of this problem using finite elements. Results are about well-posedness of semi-discrete and fully discrete problems, the stability of time-marching schemes and corresponding numerical experiments.

Lausanne, 10 March 2016/FN/cr

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