

INTRODUCTION OF THE FIRST YEAR PH.D. STUDENT

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ÚSTAV
KONSTRUOVÁNÍ

CONTENT

- **Hometown**
- **Hobbies**
- **Education**
- **My theses**
- **Dissertation**
- **Educational activities**



HOMETOWN

- Beluša



HOMETOWN



HOBBIES

- Books
- Boardgames
- LARP
- Piano (occasionally bass)
- Member of a band



EDUCATION

- **High school (2012-2020)**
 - Gymnázium Púchov
- **University (2020 -)**
 - FME BUT



BACHELOR THESIS

Design of an electronically controllable damper for gun recoil absorption

Supervisor: **Doc. Ing. Michal Kubík, Ph.D.**



MASTER THESIS

Design of an experimental MR damper for high velocity impacts

Supervisor: **Doc. Ing. Milan Klapka, Ph.D.**

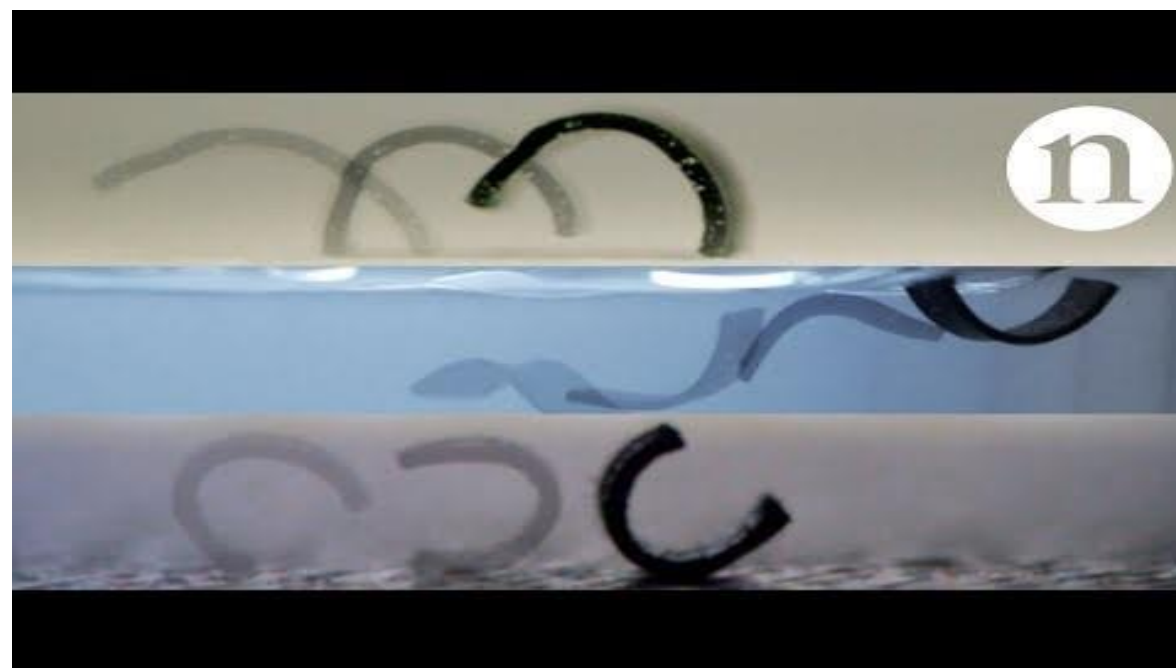


DISSERTATION THESIS

4D PRINTING OF MAGNETO-ACTIVE ELASTOMERS

Supervisor: **Doc. Ing. Michal Kubík, Ph.D.**

Ph.D. Talent: Magneto-mechanical Degradation of 4D Printed
Magnetorheological Elastomers



Nature.com

EDUCATIONAL ACTIVITIES

Teaching:

- **3CD** - CAD

Learning:

- **9AJ** - English for Doctoral Degree Study
- **9MOP** - Methodologies of Scientific Work
- **9VPR** - Research Project and Its Management
- **9EMM** - Empirical models
- **9VMM** - Numerical models of non-linear behaviour of materials

THANK YOU FOR YOUR ATTENTION

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