Fluid Model of Crystal Plasticity

Piotr Minakowski

University of Warsaw/Charles University

Motivations

- ultra-fine grain formation by SPD

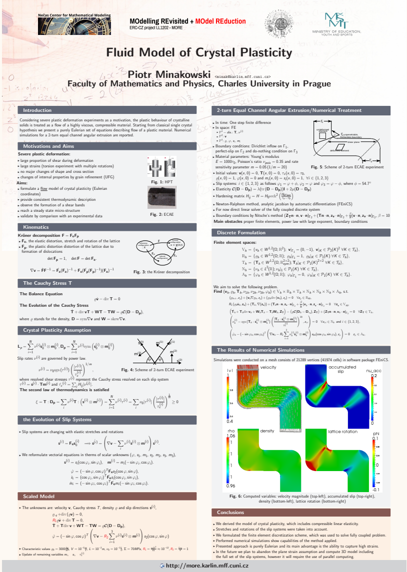
General Aim

- derive a thermodynamically admissible model in Eulerian coordinates
- suitable for numerical simulations
- analytical properties

Computational Results

- 2-turn ECAE
- FE solver of fully coupled problem

Do not hesitate to stop over during the poster session.



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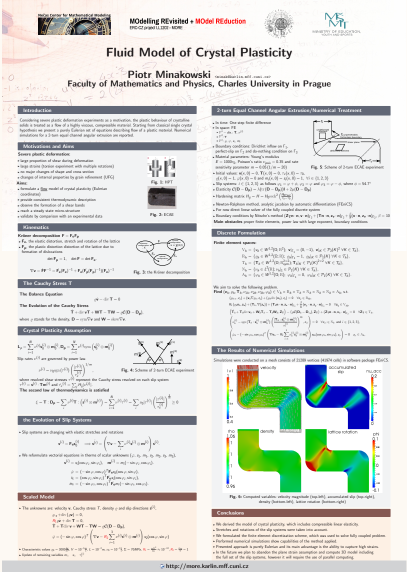

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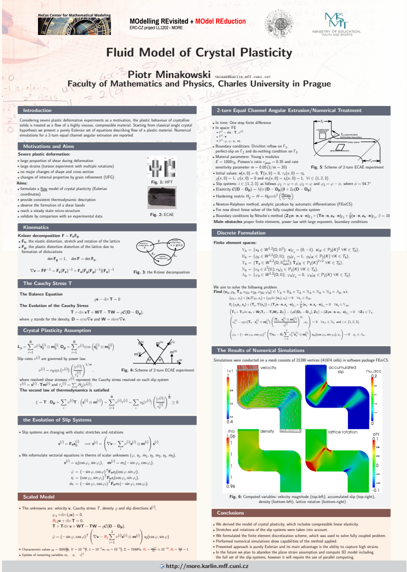

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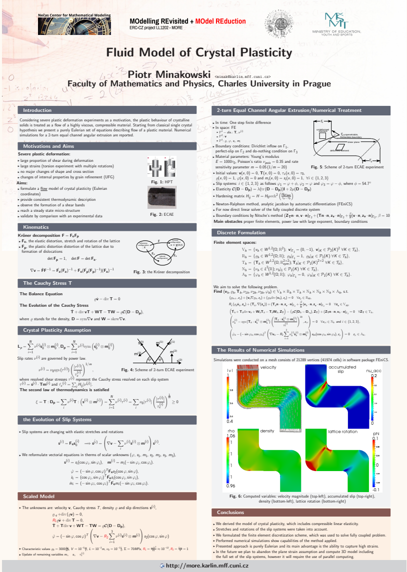

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