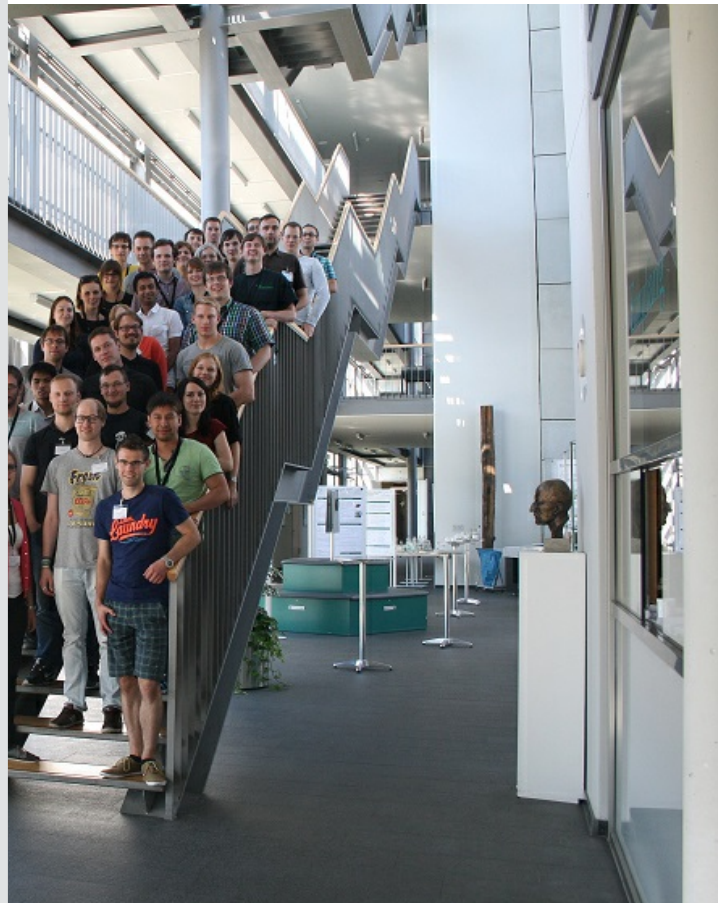
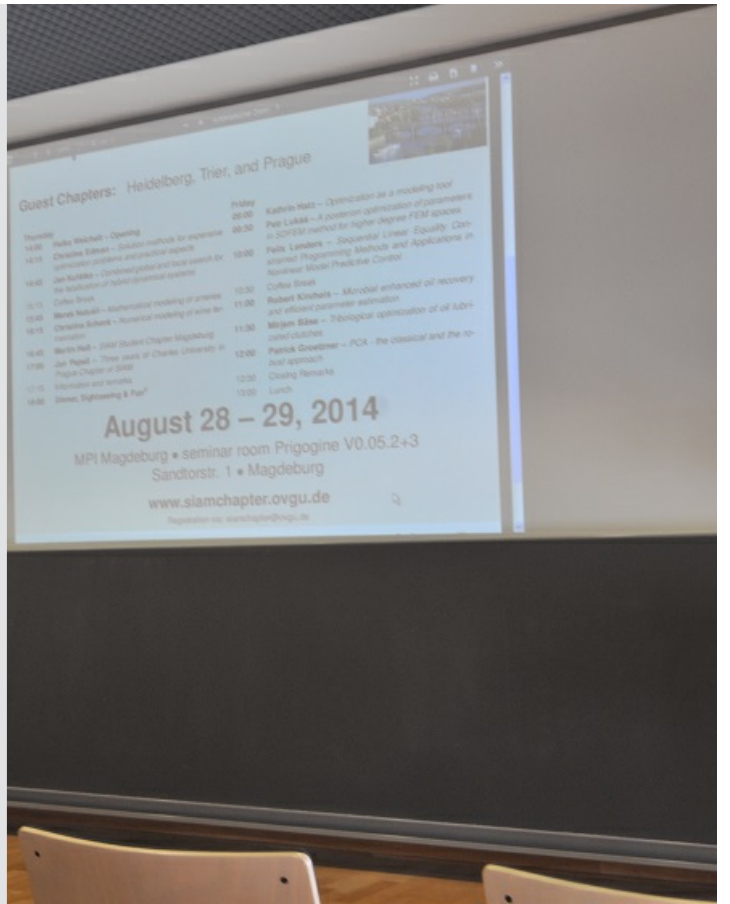


STUDENT CHAPTER OF SIAM MAGDEBURG

pters

deutschen SIAM Student Chapters in Trier (2012) und Heidelberg
ung 2014 in Magdeburg statt. Wir erwarteten Gäste aus den deutsche





rigid biological system

honing plate (counter body)

transmission oil (intermediate medium)

steel plate (basic body)

parameters:

- final machining procedure
- crossing angle
- honing tool
- differential speed $n=50 \text{ min}^{-1}$
- temperature $T=(25, 60) \text{ }^\circ\text{C}$
- $p=1 \text{ N/mm}^2$

real standard

honing 0°

honing 50°

honing 115°

honing 150°

2 M.Sc. Mirjam Beyer + 3rd Symposium of the German SGM Student Chapters
 Topological optimization of an honed surface
 29. Jan 2018, slide 17

Prof. Dr. Ingrid Isenhardt
 UNIVERSITÄT
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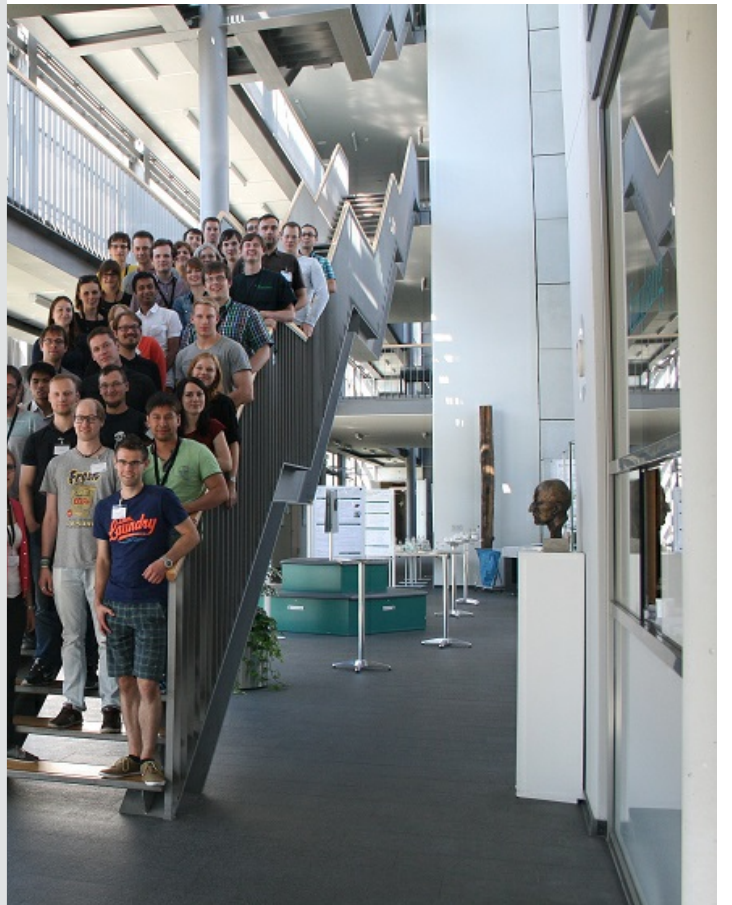
Figure - Collagen fibers

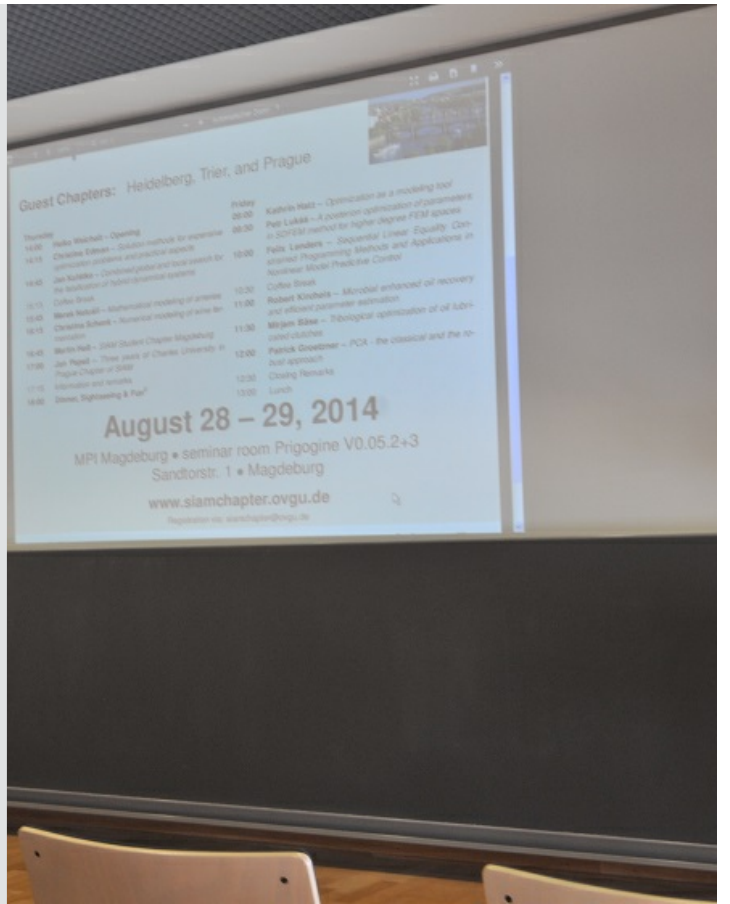
Mechanical modeling of tissues

28th August, 2024 15 / 18









rigid biological system

Ernst plate (counter body)

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2 | Dr. rer. oec. Stefan Bräse + 3rd Symposium of the German SLM Student Chapters
 Topological optimization of an honed surface
 29. Jan 2014, slide 17

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Figure - Collagen fibers

Mathematical modeling of arteries

29th August, 2014

13 / 18







« Zurück3rd_symposium_009 (Bild 9 von 10) » Vorwärts



is Prag teil, um die internationalen Verbindungen auszubauen.

gogine V0.05.2+3

sterstudenten der vier teilnehmenden SIAM Student Chapters
n. Diese umfassten ein weites Spektrum in der angewandten
, Mathematische und Numerische Modellierung, Parameterschätzung
des wissenschaftlichen Programms klang gemütlich bei einem
is. Gestärkt ging es später auf Entdeckungstour - wir begleiteten eine
ch das mittelalterliche Magdeburg. Das Programm endete Freitag
: Aktivitäten und Kooperationen.



m of the Student



Trier, and Prague

Friday

- 09:00 **Kathrin Hatz** - Optimization as a modeling tool
- 09:30 **Petr Lukáš** - A posteriori optimization of parameters in SDFEM method for higher degree FEM spaces
- 10:00 **Felix Lenders** - Sequential Linear Equality Constrained Programming Methods and Applications in Nonlinear Model Predictive Control
- 10:30 Coffee Break
- 11:00 **Robert Kircheis** - Microbial enhanced oil recovery and efficient parameter estimation
- 11:30 **Mirjam Bäse** - Tribological optimization of oil lubricated clutches
- 12:00 **Patrick Groetzner** - PCA - the classical and the robust approach
- 12:30 Closing Remarks
- 13:00 Lunch

28 - 29, 2014

inar room Prigogine V0.05.2+3
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via: siamchapter@ovgu.de



problems and practical aspects

ification of hybrid dynamical systems

Chapter of SIAM

FEM method for higher degree FEM

ramming Methods and Applications in

parameter estimation

ches



15.02.2024

Seminar Prof. Dr.-Ing. Daniel Juhre

06.11.2023

Nerd Nite 2023

22.09.2023

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Mitglied werden



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