

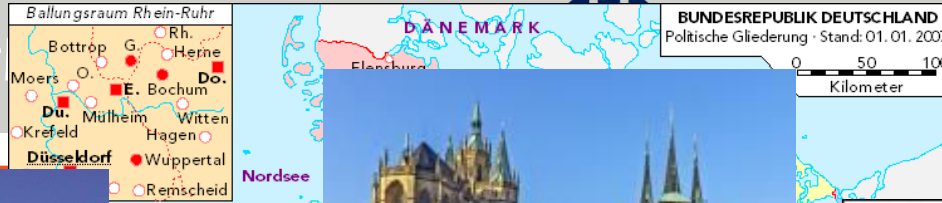


Introduction UPB partner

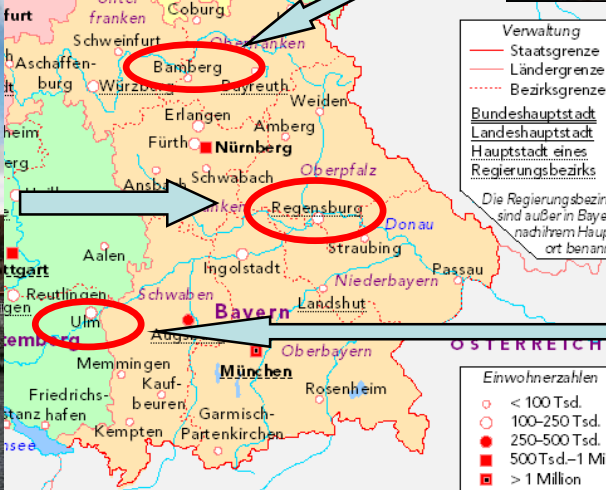
FEWL Kickoff-Meeting
Tallinn Jan 19 2023

Prof. Dr. Christian Harteis
Prof. Dr. Dietmar Heisler
Jana Schwede, B.A.

Location Pader



PADERBORN Informationsgesellschaft





Key data

- Founded 1972
- About 19.000 students
- 5 faculties

Educational Management and Research on Further Education

- Prof Dr Christian Harteis
- Christiane Müller (secretary)
- Stephan Drechsler, M.A.
- PD Dr Michael Goller
- Jana Schwede, B.A.
- Bianca Steffen, M.A.



Vocational Education

- Prof Dr Dietmar Heisler
- Tanja Hermelingmeier (secretary)
- Kristina Krug
- Daniela Lüttke
- Susanne Schemmer
- Christian Sommer



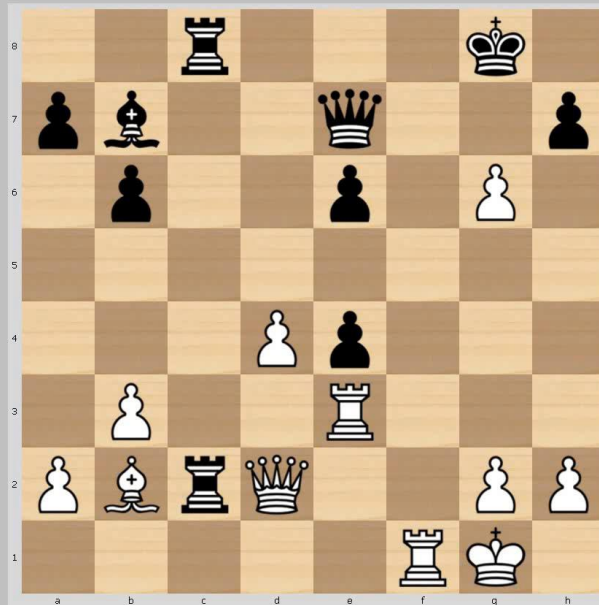
Understanding experts' knowledge

Replication of classical chess-studies (Chase & Simon, 1973):

- Pattern recognition and chunking
- Testing new measurements – here: eyetracking



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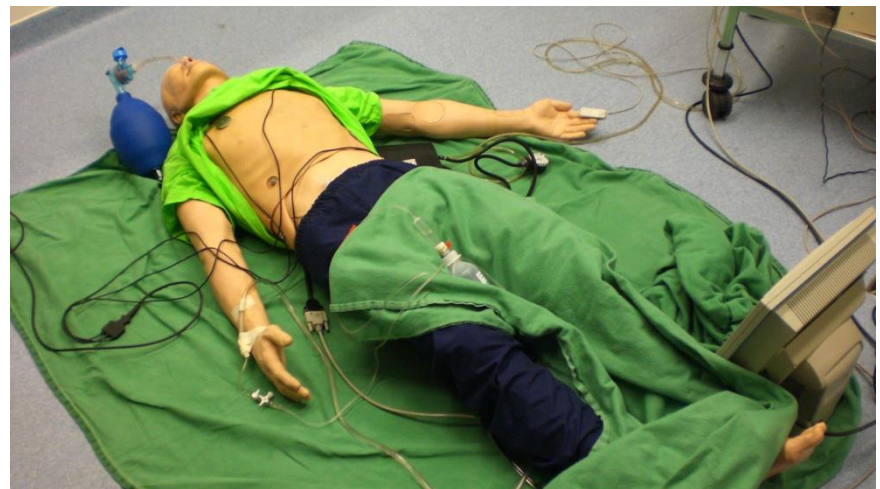
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Intuition as characteristic of expertise:

- Experiment emergency physicians
- Experiment investment banking



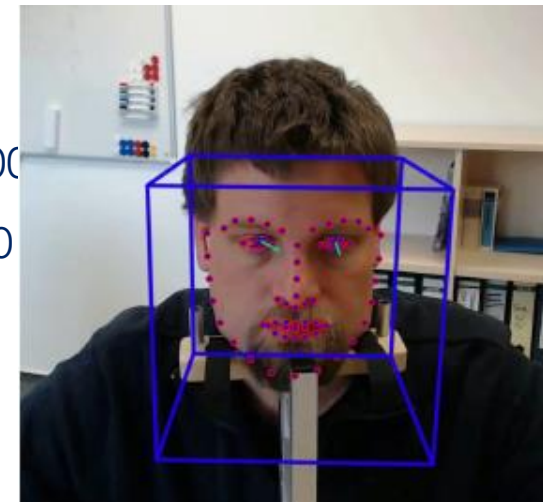
Learning at work in times of digital transformation: Individual perspective

Learning support at work:

- When workplace learning fails (Harteis, 2012)
- Individual beliefs determine learning activities (Harteis et al., 2010)
- Work agency as predictor of development (Goller, 2017)

Learning from errors at work:

- Error orientation and learning from errors (Harteis et al., 2009)
- Emotions and coping with errors at work (Rausch et al., 2010)
- Predictability of errors (Harteis et al., 2020)



Learning at work in times of digital transformation: Social perspective

Learning support at work:

- Neither age nor gender matters – it's the level of occupation (Harteis et al., 2015)
- Competence-supporting working conditions (Harteis, 2022)

Learning from errors at work:

- Dealing with errors in companies (Harteis et al., 2008)
- Social learning activities after error situations (Bauer et al., 2010)

Professionalization of training staff for sustainable development

Sustainable development in vocational education: “is a bridge concept connecting economics, ecology and ethics”

- Financed by Federal Institute of Vocational Education
- Research questions: What does sustainability mean in vocational education? What does sustainability mean in companies? How is it realized?

What we do:

- Developing companies as sustainable learning environments
- Providing courses and workshops for trainers / instructors
- Case studies



N3 Engine Overhaul Services



Brasseler.

Medizintechnik made in Lemgo

BOSCH



Vocational education of refugees

“Angekommen in deiner Stadt” (“arrived in your city”): Scientific support and evaluation

- Locations: Bielefeld, Recklinghausen, Münster, Dortmund, Essen
- Different offers to support the integration of refugees: sports, art, museums
- Main focus: Language acquisition on a voluntary basis (easy access)
- Research focus: Analyses of impact and network structures

Transformation of the support system for disadvantaged young people in vocational education

Support system: Special offers for

- Career guidance and vocational preparation
- Career start, transition from school to vocational education
- Supported vocational education

Professionals in this support system: Social workers, teachers, trainers

Research question: How did the reforms in social and labour market policy affect the support of disadvantaged young people?

Drop-outs from vocational education in the Hanseatic City of Hamburg

Problem: 25% of contracts in vocational education in the dual system in Germany are terminated early.

Focus on

- the Hanseatic city of Hamburg
- trainees from 5 vocations: hairdresser, cook, retail merchant, dental assistance and automotive mechatronic

Research question: How do networks of specialists and institutions in vocational education (chambers, labour office, schools) support drop-outs to find a new apprenticeship in another company or vocation?