



Master Work & Organizational Psychology

Master Work & Health – Option 7

Welcome

Prof. Dr. Petra Klumb
Prof. Dr. Jürgen Sauer

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Teaching areas

- Human Factors
- Usability & User Experience
- Research Methods
- Occupational Health Psychology
- Personnel Selection & Development
- Performance Management & Health Outcomes



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Cognitive Ergonomics (15 ECTS)

- Stress at work
- Job design
- Occupational health promotion
- Automation
- Work schedules (WorkOrg)

Occupational Health ψ (15 ECTS)

Regular program

- Research methods in OHP (WorkOrg)
- Personnel selection
- The work-family interface
- Personnel development
- Job design
- Reintegration psychology

Classes by visiting scientists/practitioners:

- Negotiation
- Values in contemporary careers
- Stress in daily life & cognitive functioning
- Change management

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Practical competences to be gained

- Applying instruments and scientific models of work and organisational psychology to practical questions
- Selecting appropriate research and intervention methods
- Presenting information to different target groups



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Future career opportunities

- Usability and user experience consultant
- Human resources – Recruitment
- Human resources – Personnel development
- Occupational-health promotion
- Business consultant
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Strong points

- Wide range of topics within the fields of ergonomics and occupational health psychology
- Some courses given by practitioners and well-known international scholars
- Option of studying abroad for one semester (e.g., Vienna)
- Bilingual graduation possible (German/French)
- Possibility to complete the Master with courses in **French and English only** (some courses can be taken elsewhere, e.g., in Neuchatel)

Option 7:

Combination of I/O with clinical/health psychology

- This way, you remain eligible for **therapist training**



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Cognitive Ergonomics

Prof. Jürgen Sauer



- Social stress and social support in human-machine teams
- Design of technology and automation
- Interactive consumer products



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Team 'Cognitive Ergonomics'



- Dr Alain Chavaillaz**
- Visual inspection
 - Automation
 - Baggage screening
 - Integration of sensory features



- Cécile Grand**
- User experience
 - Chatbot
 - Virtual reality
 - Smartphone use

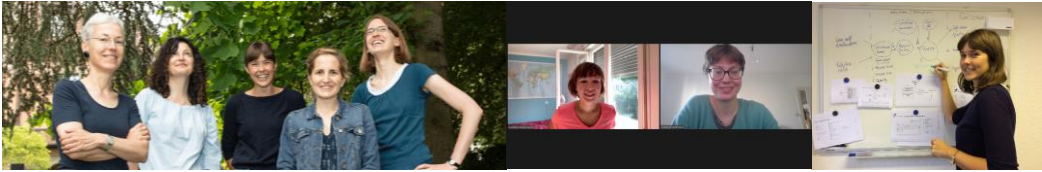


- Jürgen Baumgartner**
- Usability
 - User experience
 - Pictorial scales



- Prof. Andreas Sonderegger**
- Usability
 - Accessibility
 - User experience
 - Algorithmic leadership

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Occupational Health Psychology

- On-demand work mediated by platforms & integration of temporary workers (NRP 77)
- Enactment of organisational justice
- Employee voice & silence
- Effects of conflicts on health and team performance
- Methods: microlongitudinal assessments & experiments



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OHP is an applied discipline

- More observational studies than experimental designs
- Interdisciplinary approaches (e.g., with economics, business administration, law, etc.)
- Translation of results into practice, knowledge transfer

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OHP Collaborators



Caroline Gahrman

- On-demand work
- Diary studies
- Organizational justice

Franziska Kössler

- On-demand work
- Diary studies
- Precarious work

Lea Jost

- Stress and cognition
- Diary studies

Bernhard Piskernik

- Diary studies

Cornelia Rolli Salathé

- Stress & back pain
- Work & children's health

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Practical considerations

- Classes: mostly offered in 2-year rhythm
- There are some mandatory classes, this semester, it is Methods of OHP
- Internships
- Master thesis: rhythm: approach us in spring for topics so that you can start in the fall, once you'll have a topic you can join our ...
- Colloquium: MA invited to join sessions with BA students to get hands-on tips on scientific writing, they present concept & results of their thesis (i.e., 2 presentations). Start typically after a topic was agreed upon.

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Thanks for your attention

- Questions, comments??