

Annual Report of IEA Technical Committee

Name of Technical Committee: ODAM – Human Factors on Organizational Design and Management

Website (URL):

Chair: Laerte Idal Sznelwar

Appointment date of chairperson:

Co-chair: Ole Broberg

Appointment date of co-chairperson:

Secretary (optional):

Appointment date of secretary:

I. Reporting Year - 2015

II. Work Group / Executive Members

Laerte Idal Sznelwar

Professor Associado

Departamento de Engenharia de Produção – Escola Politécnica Universidade de São Paulo

Av. Prof. Almeida Prado, trav. 2 nº 128 CEP 05508-900

São Paulo – SP – BRASIL

Ole Broberg

Associate Professor, PhD

Technical University of Denmark

Department of Management Engineering

Produktionstorvet, Building 424

DK 2800 Lyngby

DENMARK

III. Current Membership

- **no. of members**

- **names of members (if possible)**

IV. Activities accomplished for the reporting year 2015.

IEA 2015

- Abstract review and arranging of conference groups
- ODAM's TC - Meeting: Review and planning of TC activities, appointments of new TC Chair and Sub-Committee chairs

1 - Research Hotbox:

- Critical Questions Crucial Theory and Current Methods in ODAM Research - Patrick Neumann
- Crucial theory for practical work and research in human factors in organisational design and management - Per Langaa Jensen

2 - Paper presentations at the IEA World Congress 2015;

Organisation Design and Management – Macro-ergonomics Strategies

- Management across distances - how to ensure performance and employee well-being - **Christine Ipsen**
- Business readiness for a sense-making approach - Elizabeth Smith

Organisational Design and Management – Management of Innovation

- Employee participation in product innovation: Crossing organizational boundaries by alignment of work systems - Ole Broberg
- Terminology Based Visualization of Interfaces in Interdisciplinary Research Networks - Thomas Thiele
- Situation awareness in production planning and scheduling - Martina Berglund

Organisational Design and Management – Applied Concepts

- Integration of macro, meso, and micro ergonomics for delivering High-Quality Human Factors and Ergonomics (HQ-HFE) for business performance - Jan Dul
- Expanding representations of individuals and their interactions within work system models - Rupa Valdez
- Designing work organization based on "occupational"• collectives and "inter-occupational"• relations: methodological implications of ergonomic interventions to prevent psychosocial disorders - Sandrine Caroly
- Does an ergonomist act as a coach - Ernst A.P. Koningsveld
- Comparison of Association among Ergonomic and Psychosocial Factors in Office and Field Utility Jobs - Denis A. Coelho
- Building Taxonomy Knowledge "Systemic Ergonomics Intervention Work" - a Product Joining up practice with theory in an Industrially Developing Country and its 'Meta-Reflection' - Faramarz Helali

Organisational Design and Management – Advanced Occupational Safety and Health Management

- Preventing and managing unhealthy workplace behaviour: A perspective of an Australian safety and health regulatory authority

- Helen Mott
- Occupational Health Services - a study in the Swedish public sector; municipalities and county councils - Lisa Schmidt
- The goda-intervention study for healthy workplaces and its influence on organizational communication skills - Per Lindberg
- WIKIOSH - to develop learning networks about safety and health in the engineering sector = Lena Nord Nilsson

Organisational Design and Management – Ergonomics Implementation

- The Ergo-Brand Proposition - Theory and Empirical Evidence for a Differentiation Strategy via Ergonomics - Patrick Neumann
- Interactive research - a strategy for ergonomics interventions - Jorgen Eklund
- Impediments to knowledge-sharing in a grocery distribution warehouse - Gitte Lindgaard
- Design of customer reception lobbies to minimise occupational violence risks - David Caple

Organisational Design and Management – Macroergonomic concepts

- A Philosophy of Ergonomics/Human Factors - A Broader Perspective - Thomas Smith
- Implementing the conditions for an effective participation in a continuous design process - Maria Sol Perez
- Strategies to develop and strengthen Human Factors and Ergonomics knowledge among stakeholders in Sweden - Hillevi Hemphala
- Mathematical and human centered optimization of the distribution of rare resources on the example of seating - Marius Oberle
- Role Analysis in the Construction Supply Chain - Brian Kleiner

Organisational Design and Management – Stress Management

- Why are psychosocial risks on the rise? Human history and neo-Taylorism - Sylvain Biquand
- Visibility and invisibility of some forms of weakening at work in five large French companies - Catherine Delgoulet
- What can workplaces do to support employees with persistent pain conditions? - Jodi Oakman
- Helping carers to care: Job quality, safety and care quality in aged care - Valerie O’Keeffe
- Determination of physical fatigue in sweep workers - Claudia Selene Castro Castro

Organisational Design and Management – Conditions of Performance

- Measuring Culture: Evaluating Measures and Methods - Tristan Endsley
- Western Management styles and African culture - compatibility issues and prospects in industrial organization in Southern Africa - Matthias Gobel
- Employees' and managers' perception of a healthy workplace - interviews from three medium-sized companies - Per Lindberg
- Determinants for positive mental health and wellbeing at work - a literature review - Per Lindberg

- Effects of the Organization Development of First-Year Experience and Developed Evaluation Scale in Japan: Focused on the Psychosocial Aspects among Freshman of University - Yasuyuki Hochi
- Social Impact Information as an Activity Impetus of the Organizational Speciation -Shogo Kamei

Organisational Design and Management – Management of High Reliability Work System

- Five unexpected effects of HOF actions of improvement in risk industries - Guillaume Hernandez
- The production of prescriptive documents in high-reliability organizations: an exploratory diagnosis -Camille Thomas
- Supporting defence foresight analysis with Cognitive Work Analysis: Is it applicable, helpful, and practical? - Penelope Sanderson
- Measuring the Influence of Human Factors on Maintenance Reliability - Ari Antonovsky
- Understanding workload and its components: a case study of a large Brazilian private bank - Anna Sophia Moraes
- Human Factors of Run Through Switches in US Rail Operations -Francis Durso

Organisational Design and Management – Safety Culture

- Designing a lessons-learned system integrated in the collective practices of safety management Sandrine Caroly
- Safety Learning System: reporting work, health and safety in a patient safety system - Helen Galindo
- Using Ergonomics to Develop a Positive Safety Culture (“Dumb Ways to Die” or “Smart Ways to Thirve”) - Ken Horrigan
- A Macroergonomics Approach to Examining Safety Climate in the Trucking Industry- Michelle Robertson

Organisational Design and Management – Healthcare Management

- Where does the time go? A work sampling study of physical therapy faculty time use - Kathleen Rockefeller
- Mobilization of workers in primary prevention, a condition for the efficiency of hospital-level intervention - Elsa Laneyrie
- Behavioral sensor-based organizational design and management in Japan: From the perspectives of communication channel in nursing
- Organization - Motoki Mizuno
- Examining Patient Work: The When, and How Much of Self-care - Dan Nathan-Roberts
- Does residential aged care work offer attractive employment opportunities? - Victoria Weale

3 - Joint symposium

ODAM / Healthcare Ergonomics – Ergonomics and Creativity in time of the economic crisis Towards IEA2018 Symposium Part II

- Innovative practices for training in healthcare: impact on patient safety and patients involvement to be included in: the symposium Ergonomics and Creativity in time of the economic crisis Towards IEA2018 - Sara Albolino

- Human factors in Design driven innovation for healthcare- Richard Goosens
- Innovation in Design - Francesca Tosi
- Collaborative spaces: innovation, regulation and competition - Sylvain Biquand
- Patient and staff safety: integrating the silos - Louise Whitby
- Innovation and creativity in Design for All - Isabella Steffan
- Developing Innovative Partnerships to Reduce Deaths from All-Terrain Vehicle use in Agricultural Operations - David Gilkey
- Ergonomics and Economics for Safety - Giulio Toccafondi

4 - Panel

Methods and Tools for Macroergonomics: The Next Frontier - Patrick Waterson

V. Activities planned for the following year 2016

- Prepare ODAM's symposium – 2017. The conference will take place in Banff, Canada. Chair of Organizing Committee: Margot Fraser.
- Archival ODAM materials based on participation at IEA Congress, Symposia and published papers
- Participation and organization – EURAM 2016 : HF track (Robertson, Guilio, François H.) in the Innovation Track led by Jan Dul.

VI. Support requested from IEA

Executive Committee, Standing Committees or other Technical Committees for the following year 2016 - (in the form of management support, resources or other types of support services)

Have you held a TC meeting at the IEA 2015 World Congress in Melbourne? (Yes / No)

Annual reports are due by November 30, 2015. Please e-mail your completed annual report to c.schlick@iaw.rwth-aachen.de .

Thank you!!!

Christopher M. Schlick, STP chair