



Discussion Paper

**Intent and the Use of Wearables in the
Workplace - A Model Development**
by

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Intent and the Use of Wearables in the Workplace – A Model Development

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Abstract. Due to reasons like demographic changes and variations in the spectrum of illness, worldwide expenditures in the health market have exploded. Contemporary information systems are evolving rapidly in the field of ubiquitous computing and nowadays support health in various fields. Wearables and tracking technologies have emerged in private life for health and fitness support. This adoption reveals future possibilities for innovating the health-supporting systems in the workplace. The crucial point of introducing wearables in the occupational health management system is the acceptance of employees. This paper provides a literature-driven measurement model to explain the behavioral intention to use wearables in the occupational health management system. The model provided is supported by 17 hypothesized relationships between relevant constructs and validated by card-sorting.

Keywords: Wearables Devices, Occupational Health Management, Technology Acceptance