Title: The Relationship of Personality Models and Development Tasks in Software Engineering

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Chaired by: Assoc Prof Hahn Jungpil
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ABSTRACT:

Understanding the personality of software developers has been an ongoing topic in software engineering research. Software engineering researchers applied different psychological models to understand software developers personalitites to better predict software developers performance, orchestrate more effective and motivated teams, and identify the person that fits a certain job best. However, empirical results were found as contradicting, challenging validity, and missing guidance for IT personnel selection. In this research, we explore the current body of knowledge on software developers personalities and provide an overview of the applied psychological models, research designs, contexts, and results. We discuss our findings and suggest promising avenues for further research on software engineering task characteristics and the impact of personality-task fit on software development performance.

BIODATA:

Manuel Wiesche is a postgraduate researcher at the Chair for Information Systems, Technische Universitat Munchen, Munich, Germany. He graduated in Information Systems from Westfalische Wilhelms-Universitat, Munster, Germany. His current research experiences and interests include IT risk management, IT-enabled control systems, and software development methodologies. He is member of the Centre for Very Large Business Applications, a collaborative research center that is funded by SAP AG. His work is published in journals such as Journal of Management Accounting Research and has been presented at conferences such as HICSS, ECIS, and EURAM.