Development and Status of the Information Systems / Wirtschaftsinformatik Discipline

An Interpretive Evaluation of Interviews with Renowned Researchers: Part II – Results Information Systems Discipline
Tables

Table 1: Structure for discussion of results in each topical area. .................................................. 2
Table 2: Three forces that drove the foundation of the field. ......................................................... 4
Table 3: Quotations indicating multiple roots (excerpt). ................................................................. 5
Table 4: Roles of related disciplines in the development of the IS field. ........................................ 6
Table 5: Perceptions by related disciplines (general notion). ......................................................... 8
Table 6: Perceptions by related disciplines (personal notion). ....................................................... 9
Table 7: Role of legitimation efforts (efforts with relatively high relevance). ................................ 12
Table 8: Role of legitimation efforts (efforts with minor relevance) ............................................... 13
Table 9: Subject of research in IS. ................................................................................................. 15
Table 10: Changes w.r.t the subject of research over time. ............................................................. 16
Table 11: Positive and negative sides of fads in IS research. ....................................................... 17
Table 12: Perspectives on research objectives. ............................................................................. 18
Table 13: Objectives of research in IS. .......................................................................................... 19
Table 14: Roles of problems in business practice for research objectives. .................................. 21
Table 15: Selection of answers regarding a set of accepted research methods. ............................. 23
Table 16: Relevance of particular research methods. ................................................................. 24
Table 17: Answers on the assessment of debates concerning diversity. ....................................... 26
Table 18: Statements to communities in IS. ................................................................................. 27
Table 19: Descriptions of the relationships between sub-communities. ....................................... 28
Table 20: Limited support for the disciplines development by universities. ............................... 29
Table 21: Motives for providing support. .................................................................................... 30
Table 22: Reasons for varying support. ....................................................................................... 30
Table 23: Perceptions by closely related disciplines. ................................................................. 32
Table 24: Roles and influences of the AIS. ................................................................................... 33
Table 25: AIS as a meeting place with no direct contribution to legitimizing the field. ................ 34
Table 26: Influence of political institutions on the field's development. ..................................... 35
Table 27: Influence of funding organizations. ............................................................................. 36
Table 28: Organizations involved in and chronology of curriculum efforts. ............................... 39
Table 30: Changing role of Computer Science in IS classes. ....................................................... 40
Table 31: Role of business management concepts in IS classes. ................................................ 41
Table 32: Factors influencing the attractiveness of the IS degree. .............................................. 43
Table 33: Types of cooperation with business practice. ............................................................ 45
Table 35: Assessment of the status of cooperation with practice. .............................................. 47
Table 34: Approaches to explain the relatively low level of cooperation with practice...........47
Table 36: Perception of the educational program, IS research, and IS research results.........49
Table 37: Value of relevance of the profile.................................................................50
Table 38: Changes in the value of relevance over time.................................................51
Table 39: Diversity as strength and weakness............................................................53
Table 40: Strengths of the IS discipline.................................................................53
Table 41: Weaknesses of the IS discipline...............................................................54
Table 42: Forecasts concerning the discipline and its environment..............................55
Table 43: Recommendations......................................................................................56
Table 44: Overview of strengths, weaknesses, forecasts, and recommendations...........57
Table 45: Overview of evaluated hypotheses..................................................................61
Table 46: Educational background and affiliation of interviewed IS researchers..........65
Table 47: History of model curricula in IS.................................................................66