

Appendices for

Rice, R., E. & Leonardi, P. M. (2013). Information and communication technology use in organizations: Studies of influences, contexts and processes, and outcomes across disciplines. In L. Putnam & D. K. Mumby (Eds.), *Handbook of organizational communication* (3rd ed.). Thousand Oaks, CA: Sage.

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A. Articles Analyzed

B. Theories by Discipline (Communication, Information Systems, Management) and by Phase (Influences, Contexts and Processes, Outcomes)

A. Articles Analyzed

- Afuah, A. (2003). Redefining firm boundaries in the face of the Internet: Are firms really shrinking? *The Academy of Management Review*, 28(1), 34-53.
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B. Theories by Discipline (Communication, Information Systems, Management) and by Phase (Influences, Contexts and Processes, Outcomes)

Themes: Influence, technology

Communication	Information Systems	Management
activity theory	absorptive capacity (3)	activity theory
adaptive structuration theory (2)	activity theory (2)	advice networks
collective action theory	agency	boundaries
computer-mediated communication	appraisal theory	bureaucracy
apprehension	business competence	collective action (2)
diffusion of innovations theory (2)	cognitive absorption	critical realist perspective (2)
distributed cognition theory	cognitive capital	diffusion of innovations theory
distributed public relations	communication media repertoires	exploration/exploitation (2)
five-level network organization	communities of practice	frames
framework	community-level theories	hybridity
genre theory	complex adaptive systems theory	institutional entrepreneurship
information richness	contingency theory	institutional theory
information search and retrieval	coping theory	Julian Orr's talking about machines
information theory	decomposed theory of planned	managerial cognition
institutional theory	behavior	media pairings
media choice	digital natives	modernization
media richness theory (3)	discourse	modular systems theory
news content and format	disruptive technology innovation	org cognition
normative theory	domestication framework	organizational identity
org innovation	elaboration-likelihood model	organizational learning (2)
org learning	electronic networks	practice theory
practice theory	emergent perspectives	review (4)
review	emotional dissonance	rhetorical approach
rhetorical approach	equity theory	social capital
skill acquisition and distribution	expectation disconfirmation theory	social construction of technology
social cognitive theory	feature-centric view of technology	social influence
social constructivist perspective	feedback mechanisms	structuration theory (2)
social influence (4)	Foucauldian perspective on	surveillance
social information processing	emotions	technology in use
theory	group cohesion	theory of slack resources
social network theory	information processing (2)	transaction cost economics (2)
social presence theory	information theory	work practices
social translucence of technology	innovation	
framework	innovation assimilation stages	
strategic, tactical communication	innovation diffusion theory (2)	
task interdependence	institutional theory (3)	
technological proactivity	interaction theory	
theory of media use	interactionist based theories	
transactive theory	IS turnover model	
unified theory of technology	knowledge based theory of the firm	
adoption	later modernity	
work pattern and division of labor	learning	
	materialism	
	materiality	

	<p> media choice media richness micro-sociological mindfulness model of acceptance of peer support new-form organizational theory org capabilities organizational imperative organizational memory planned behavior theory post-adoptive behavior power/knowledge and the aesthetics of existence practice theory (2) relational capital resource-based theory of sustainable social structures review (3) role and network-based model sensemaking situated learning theory social cognitive theory (2) social construction perspective social identity theory social influence social network theory social presence theory social rule systems theory social shaping of tech social shaping of technology social world theory structural capital structuration theory system dynamics approach to organizational learning task-technology fit (2) technological determinism ("soft form") technological imperative technology acceptance model (TAM or UTAUT) (14) technology adoption by groups technology sensemaking technology/structure alignment theory of complementarities theory of human agency theory of planned behavior theory of reasoned action (3) theory of trying </p>	
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	theory of virtualization theory planned behavior time/space time-space distancing transactive memory virtual publics	
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Themes: Contexts and processes: interaction, knowledge, levels (individual, group, organizational, societal), problem, process, research, and structure

Communication	Information Systems	Management
activity theory adaptive structuration theory (2) appropriate technology discourse five-level network organization framework collective action theory computer-mediated communication apprehension diffusion of innovations theory (2) distributed cognition theory distributed public relations framing genre theory information processing information richness information search and retrieval information theory institutional theory interpretative flexibility media choice media richness theory (3) news content and format normative theory org innovation org learning organizational communication organizational decision making organizational narcissism practice theory review rhetorical approach skill acquisition and distribution social cognitive theory social constructivist perspective (2) social influence (5) social information processing theory	absorptive capacity (3) activity theory (2) agency boundaries business competence cognitive absorption cognitive capital cognitive dissonance theory communication media repertoires communicative action theory communities of practice community-level theories (management fashion and organizing vision) complex adaptive systems (CAS) theory contingency theory coping theory decomposed theory of planned behavior discourse disruptive technology innovation domestication framework elaboration-likelihood model electronic networks emergent perspective emotional dissonance equity theory expectancy theory expectation disconfirmation theory (2) feature-centric view of technology feedback mechanisms Foucauldian perspective on emotions group cohesion horizontal communication information processing (2)	absorptive capacity activity theory actor network theory (2) adaptive structuration theory advice networks boundaries boundary objects bureaucracy collective action (2) constitutive entanglement contingency model of virtual team performance critical interpretive perspective critical realist perspective (2) diffusion of innovations theory discourses of production dramaturgical concept of 'peripety' event and time-based change experiential learning exploration/exploitation (2) frames hybridity institutional entrepreneurship institutional theory (3) interconnections Julian Orr's talking about machines knowledge attributes knowledge based theory of the firm (2) knowledge in practice knowledge institutionalization localized learning managerial cognition managerialist approach media pairings modernization modular systems theory modularity

<p>social network theory (3) social translucence of technology framework (Erickson & Kellogg, 2000) strategic, tactical communication structuration theory (2) task interdependence technological proactivity theory of media use transactive memory system transactive theory unified theory of technology adoption work patterns and division of labor</p>	<p>information theory innovation innovation assimilation stages innovation diffusion theory (2) institutional theory (2) interaction theory interactionist based theories interruptions and delays IS turnover model IS-user climate knowledge based theory of the firm knowledge-sharing practices later modernity leadership theory learning materialism materiality (2) media choice media richness micro-sociological model of acceptance of peer support new-form organizational theory org capabilities organizational memory organizational reframing planned behavior theory post-adoptive behavior power/knowledge and the aesthetics of existence practice theory (3) psychological contract perspective relational capital resource-based theory of sustainable social structures review (4) role and network-based model sensemaking situated learning theory social actor model social cognitive theory (3) social construction perspective social influence social network theory (2) social presence theory social shaping of technology (2) social world theory socio-technical theory status quo bias theory</p>	<p>narrative networks org cognition organizational learning (2) practice theory pragmatic view of knowledge processual approach production of trust resource based theory of the firm review (5) rhetorical approach routines social capital social construction of technology social constructivist approach social influence social movement theory social/discursive approach sociomateriality structuration theory (6) surveillance technologies in practice technology assimilation technology gap technology in use technology interdependence theory of slack resources transaction cost economics (2) work practices</p>
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	structural capital structuration theory (2) system dynamics approach to organizational learning systems development task-technology fit (2) technological determinism ("soft form") technology acceptance model (TAM or UTAUT) (16) technology adaptation technology adoption by groups technology sensemaking technology/structure alignment theory of communicative action theory of human agency theory of planned behavior (2) theory of reasoned action (5) theory of trying theory of virtualization time/space time-space distancing transaction-based model of stress transactive memory transformational technologies user resistance user satisfaction virtual publics	
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Themes: Outcomes

Communication	Information Systems	Management
adaptive structuration theory distributed public relations information richness media choice media richness theory practice theory social influence (2) social influence social presence theory theory of media use unified theory of technology adoption	absorptive capacity activity theory analyzability of task appraisal theory cognitive absorption coping theory decomposed theory of planned behavior disruptive technology innovation elaboration-likelihood model equivocality of information expectancy theory expectation disconfirmation theory feature-centric view of technology horizontal communication information processing information theory	absorptive capacity advice networks contingency model of virtual team performance experiential learning institutional theory (2) knowledge attributes knowledge based theory of the firm (2) managerial cognition resource based theory of the firm social influence technology acceptance model (TAM) technology assimilation

	<p> innovation innovation assimilation stages innovation diffusion theory institutional theory IS turnover model IS-user climate knowledge based theory of the firm leadership theory model of acceptance of peer support new-form organizational theory org capabilities post-adoptive behavior richness of representation sensemaking social cognitive theory social influence social network theory structuration theory task-representation fit model task-technology fit (2) technology acceptance model (TAM or UTAUT) (13) technology sensemaking theory of complementarities theory of planned behavior theory of reasoned action (3) theory of trying theory planned behavior user satisfaction virtual publics </p>	
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