

Collaboration for Research and Higher Education:

Brazil & Sweden

Leonardo Rocha de Oliveira, Ph.D.

Leonardo Rocha de Oliveira, Ph.D



PUCRS – Pontifical University of Rio Grande do Sul

School of Business

Porto Alegre



Academic Education

1989 Civil Engineering (UFRGS)

1994 M.Sc. Industrial Engineering (UFRGS)

1998 Ph.D. University of Salford

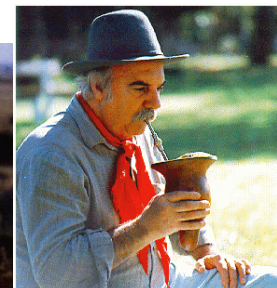
2013 Post-Doc – University of Skövde

Academic Employment

1999 – USP - Industrial Engineering

2000 – UFRGS – Industrial Engineering

2003 – PUCRS – School of Business



Time in Sweden

❖ **Business or Pleasure ??**

❖ **Pleasure – Swedish Culture & Civilization**

❖ **Do Not Get Hurt !!**

❖ Traveling in Sweden

❖ Traveling in Europe

❖ Make your plans ahead

❖ Nobody works in July

❖ **Business – Publish or Perish !!**

Publish or Perish

❖ Collaboration for Research & Publishing

- ❖ Evaluate the University
- ❖ Evaluate the research (issues & people)

❖ Collaboration for Publishing

- ❖ Oliveira, L. R.; Swed1, A. B. & Swed2, C. D. (2015)
- ❖ Swed1, A. B.; Oliveira, L. R. & Swed2, C. D. (2015)
- ❖ Swed1, A. B.; & Swed2, C. D. & Oliveira, L. R. (2015)

Publish or Perish

❖ Conference Articles and Participation

❖ To understand the “State of the Art” in your research area;

- ❖ Identify researchers, research groups and institutions;
- ❖ Research interest and support groups (Blogs, Mailing lists, LinkedIn)
- ❖ Public and private special interest institutions
 - ❖ FOI (Swedish Defense Research Agency)
 - ❖ MSB (Swedish Contingencies Agency)
 - ❖ COMDEFESA (FIERGS)

❖ Research Funding and Call for Proposals

- ❖ Linnaeus Palme
- ❖ CAPES / STINT call for proposals

❖ Call for Papers in Journals

Accomplishments

❖ Agreements


❖ University of Skövde / PUCRS

- ❖ **Academic agreement** – concluded in October 2013;


❖ Research proposals

- ❖ **LINNAEUS-PALME – APPROVED** - international exchange program to stimulate cooperation between Sweden and developing countries.
 - ❖ To strengthen the internationalization of Swedish institutions.
- ❖ **SWB: Special Visiting Researcher - Submitted** - to attract senior researchers in Brazil for up to three months a year, over three years
- ❖ **CAPES / STINT – Submitted** - Joint Brazilian - Swedish Research Collaboration program to strengthen Swedish research and higher education by developing and establishing international partnerships.

Research Collaboration



STINT
Stiftelsen för internationalisering av
högre utbildning och forskning
The Swedish Foundation for International
Cooperation in Research and Higher Education



CAPES

PROGRAMA CAPES/STINT
EDITAL n° 58/2014-2015



Formulário de Inscrição - 31/10/2014 23:50:53

CAPES - PROJETOS NO EXTERIOR

Dados da Bolsa

Projeto CAPES - Programa Geral de Cooperação Internacional

Roteiro do Projeto

CPF Coordenador	Nome Coordenador	Ano de Apresentação
46289267000	LEONARDO ROCHA DE OLIVEIRA	2014

Título do Projeto

2015_CAPES-STINT_Proposta de Modelo para Gestão de Segurança da Informação (GSI) no setor de saúde: análise de casos no Brasil e Suécia.

Data de Início das Atividades

01/05/2015

Academic Exchange

❖ **University of Linköping** – academic agreement (ongoing)



❖ **The Central Crisis Management Group;**

- ❖ **Security and Emergency Management** - to establish a world-leading platform for strategic interdisciplinary research in crisis management, safety and protection of the public infrastructure. The research combines technology and ethics, with knowledge of decision-making and management.

❖ **SNDC**

- ❖ **Training and education** for military and civilian personnel in leading positions, both nationally and internationally as part of the contribution to the management of crisis situations and security
- ❖ **Research exchange** – projects on Cyber Security, Critical Information Infrastructure Protection (CIIP) and Information Assurance concerning policies and approaches in different countries, under the CATS (Center for Asymmetric Threat Studies) umbrella.



Research Collaboration

❖ **Chamada CNPq/Pandiá N° 29/2014**

❖ Research in International Security and National Defense

❖ **FOI (Swedish Defense Research Agency)**

- ❖ **International CBRN security** - cover threat analysis, disarmament and non-proliferation of chemical and biological weapons.



❖ **MSB (Swedish Contingencies Agency)**

- ❖ **Preparedness and Prevention of Emergencies and Crises**





Business Exchange

❖ **Gothia Science Park / TecnoPucrs**

- ❖ Linking academia and companies interests business collaboration
- ❖ Innovation for development

Reinventing Myself

New approaches for conducting research work

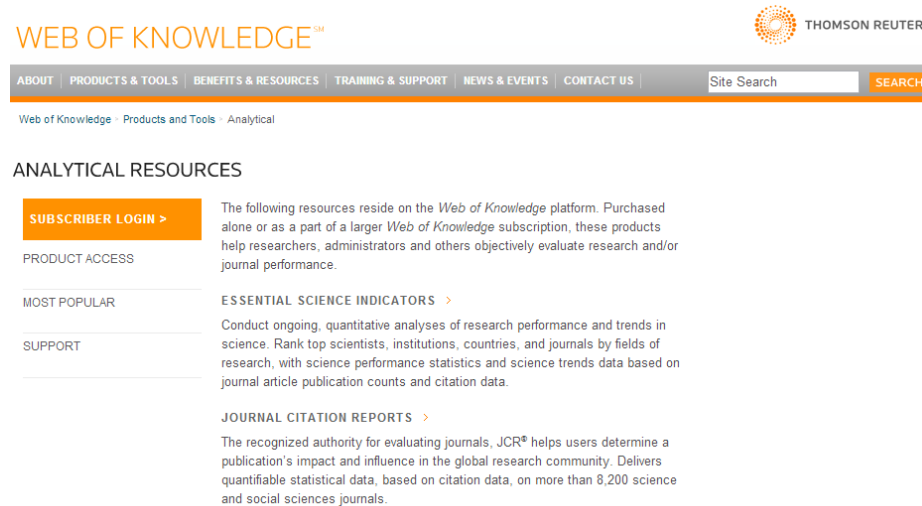
Leonardo Rocha de Oliveira, Ph.D.

Postdoctoral Researcher at the University of Skövde

Professor at the Pontifical Catholic University of Rio Grande do Sul (PUCRS)

Research Approach

❖ Bibliometrics



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❖ Grounded Research Theories



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IS Theory | Discussion | Read | View source | View history | Search

Welcome to the Theories Used in IS Research Wiki

This site provides researchers with summarized information on theories widely used in information systems (IS) research. Click on a linked theory name below to find details about the theory, some examples of IS papers using the theory, and links to related sites. Please feel free to summarize a theory, add to the information already present, correct errors, or suggest additional theories for the list. Theories yet to be summarized and theory submission guidelines can be found below.

This site is built on user contributions. Please share your knowledge and contribute!

This site is maintained as an ongoing project of the Information Systems PhD Preparation Program of the Marriott School of Management of Brigham Young University.

Suggested Citation for the Wiki
Schneberger, S., Wade, M., Allen, G., Vance, A., Eargle, D. (Eds.) (2013). Theories Used in IS Research Wiki. Retrieved [today's date] from <http://istheory.byu.edu>

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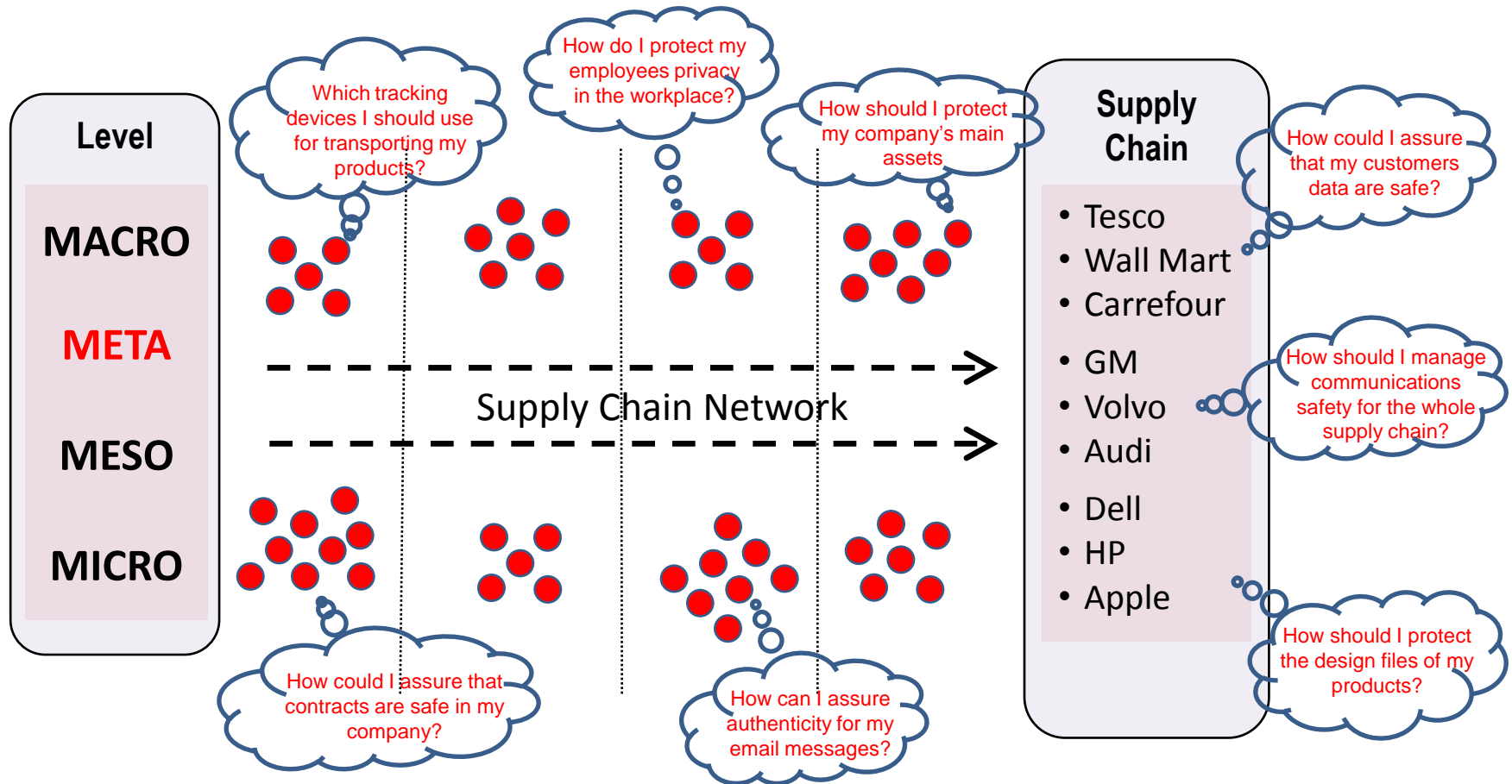
Sidebars include: Main page, Community portal, Current events, Recent changes, Random page, Help, Toolbox, What links here, Related changes, Special pages, Printable version, Permanent link, Page information.

Logos for AISWorld, Principia College, and IMD are also visible.

❖ Literature Review

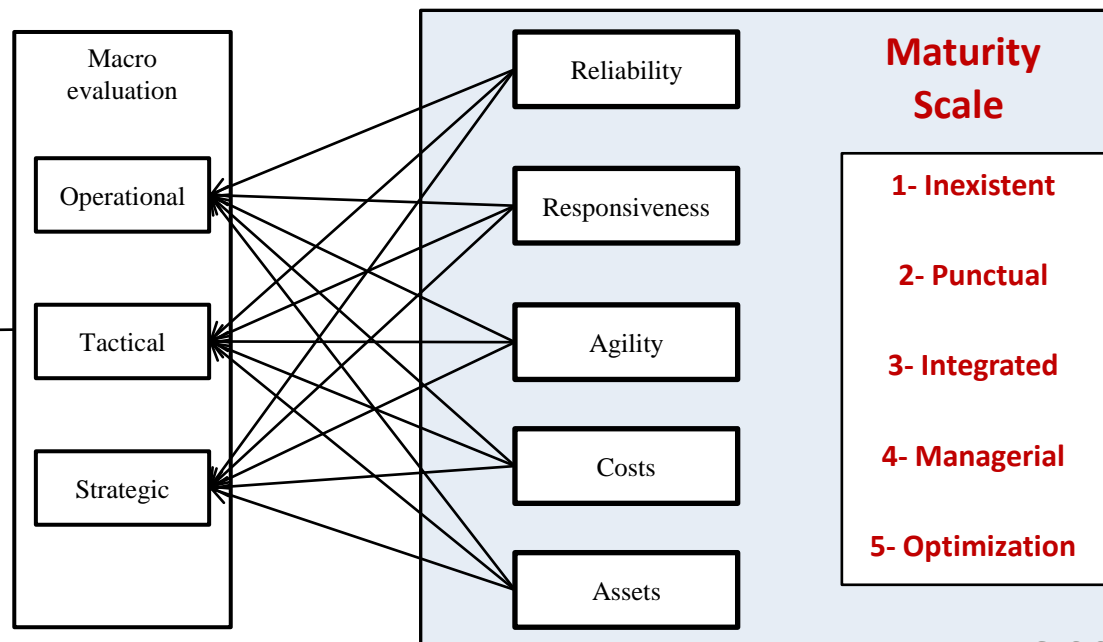
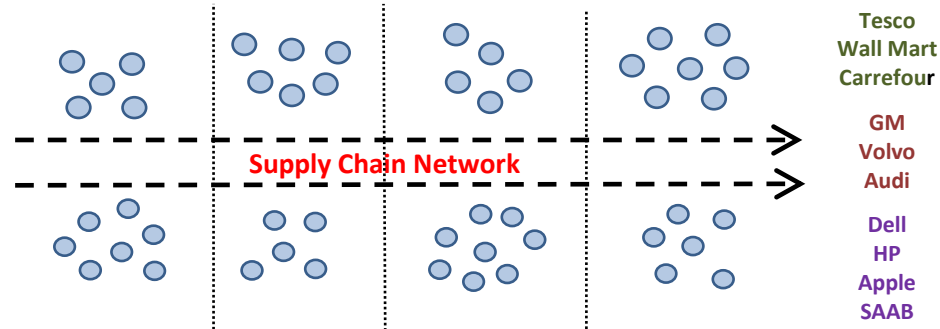
Research Overview

Performance for Competitiveness: all players involved



Framework for Cyber Security

Evaluation of Supply Chain Performance



Cyber security
evaluation for supply
chain networks

Evaluation Framework

CYBER SECURITY EVALUATION FOR SUPPLY CHAIN NETWORKS								
						Data: ____/____/____		
Company : _____					Name: _____			
<p>Instructions: This research framework aims to identify the role of C2 systems for improving competitiveness in supply chain networks</p> <p>Please choose ONLY ONE option for each line for assessing the role of C2 systems in supply networks (X), which are:</p> <p>1- Unexistent - it does not apply for protection against cyber attacks</p> <p>2 - Punctual - cyber security practices and devices applying just for some companies, products or services</p> <p>3- Integrated - cyber security practices and devices involve the supply chain as whole, but just at operational level</p> <p>4- Managerial - cyber security practices apply for all supply chain providing measurements to support decision making</p> <p>5- Optimization - the managerial results from cyber security practices are used for improving supply chain competitiveness</p> <p>If the chosen maturity level is Managed or Optimized, please inform in the Specification item how it is met in the supply chain.</p>								
	N°	Criteria	1	2	3	4	5	Controlling Specification
Reliability	1	Perfect order fulfillment (item, quantity)						
	2	Delivery performance (date, amount, place and quality)						
	3	Accurate documentation (compliance, payment and Shipping)						
	4	Perfect condition (damage, defect, packing, returns)						

A Framework to Evaluate Cyber Security for Protecting Supply Chain Performance

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