Teaching

Introduction to Information Systems

Hardware basics, computer networks and architectures, protocols, software basics, spreadsheet analysis, business process modelling, data modelling, relational database, SQL, application system development, data privacy, data security, internet basics, programming.

IT Controlling

Through its practical problems and its character as a case study seminar this course has a particularly high relation to real enterprise projects.

IT Audit

Fundamental IT Audit concepts are presented. Furthermore, students are introduced to SAP and complete SAP case studies. Additionally, ActiveData is introduced and the topic "Fraud Detection & Prevention" is discussed on the basis of case studies. Theory and practice are complemented by practitioner lectures.

IS Project

Working on a use case from the information systems practice by making use of already acquired methods and concepts. The projects are usually worked on in teams and include project planning, design, implementation and documentation.
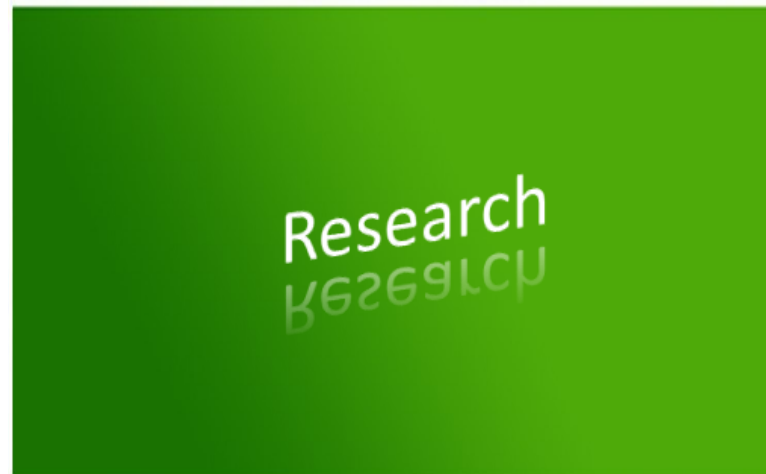
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Practice

Teaching

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Accounting and

Information Systems

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Research

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Research

Practice

Areas of Interest

- Cloud Computing,
- Benchmarking of Business Processes/ Semantic Process Management
- Sustainable Supply Chain Management,
- Green IT and Sustainable Information Management.
- IT Audit.

Funded Projects

IT-for-Green aims at increasing the **environmental friendliness** of **companies and** their **processes** by means of ICT. In this context, CEMIS are to be regarded essential for supporting the sustainability integration. Conventional CEMIS are not sufficient to achieve this objective, for they mostly serve the purpose of ensuring legal compliance with relevant environmental laws and regulations, mainly in order to avoid financial sanctions from state authorities. A new generation of more strategic CEMIS will be able to support the company's decision makers.

http://it-for-green.eu/

The European Research and Transfer Network for Environmental Management Information Systems (**ertemis**) is a network of researchers in the field of Environmental Management Information Systems (EMIS). In recent years, the topic of Environmental Management Information Systems (EMIS) has received increasing research attention and became an increasingly popular research area. Today, companies are facing new challenges: they have to address the problem of rapid climate changes, deal with the growing public interest in ecology (e.g. Green IT, Green Logistics), and ensure environmental sustainability and energy efficency. Immense pressure is also exerted by environmental legislation (e.g. EU law) as well as by the mass media and society as a whole.

http://www.ertemis.eu/

MÜNSTER OSNABRÜCK INTERNATIONAL AIRPORT

LM _be IT.

basecom
wir sprechen internet

hellmann
Worldwide Logistics

NOZ
MEDIEN

pwc

EY Building a better working world

Methods. Tools. Human Factors. *related to*

Sustainable IS Development and Management