

Bienvenue

Welcome

Marhaba

Welkom

Willkommen

स्वागत

Grüezi

حفلة استقبال, ترحيب

добро пожаловать

欢迎

Bien venido

TIM Cluster

& CeTIM the

Centre for Technology and Innovation Management

www.CeTIM.org

Prof. Dr. Bernhard R. Katzy

“TIM CLUSTER” OF LIACS, FACULTY OF SCIENCE, LEIDEN UNIVERSITY



LIACS ▶ Onderzoek ▶ Technology & Innovation Management ▶ About English


Universiteit Leiden
LIACS
Leiden Institute of Advanced Computer Science

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Technology & Innovation Management

Technology & Innovation Management
prof.dr. Bernard R. Katzy (head)

The aim of the Technology and Innovation Management (TIM) group is to understand the co-evolution of technology and social structures. It researches phenomena, especially the innovation process and the emerging information society, at the intersection of science and information technology on the one side, and social and business science on the other side.

Work is grouped into the centre 'Virtual Organisation' which focuses on networked organizational forms and their management. This includes the design of "Future Work Spaces" and how they make use of information technology for new forms of productive collaboration.

The centre 'Innovation Management' focuses on understanding innovation networks (or clusters) and how they contribute to the growth of new technology-based new ventures. One type of innovation networks that we study are [Living Labs](#), especially the [Knowledge Worker Living Lab](#). The group cooperates with [CeTIM](#) and its [program office for international research cooperation and entrepreneurship](#). Junior researchers join the doctoral school, [NITIM](#), a European network of universities.

TECHNOLOGY & INNOVATION MANAGEMENT

- ▣ [About](#)
- ▣ [Members](#)
- ▣ [Publications](#)

LINKS

- ▣ [Research Leiden University](#)

<http://www.liacs.nl/onderzoek/tim/about/>

M.SC. PROGRAM ICT IN BUSINESS



NO

YES



Introduction

Programme

Career

Entry requirements

ICT in Business

Programme

The M.Sc. in ICT in Business programme consists of six modules of seven weeks each, and a 5-6 months thesis project. The courses cover business fundamentals, core ICT & Business topics and electives, and are normally offered in a combination of (guest)lectures, company visits, case work, lab work, and student presentations. Many activities are based on team work. At regular intervals colloquia are offered to supplement and enrich the programme.

Master details

Degree

Master of Science in ICT in Business

Mode of study

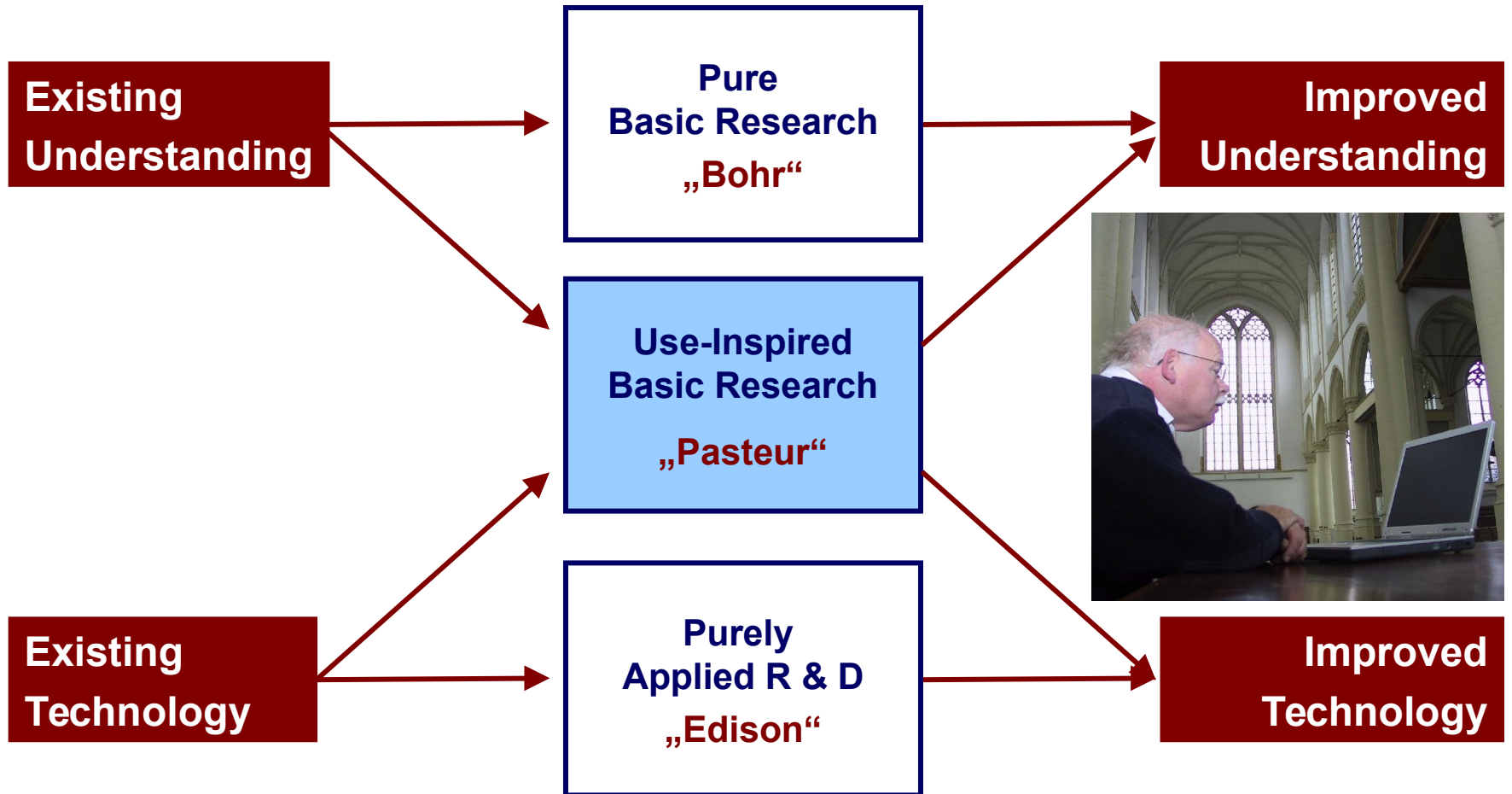
Full-time

Duration

2 years

<http://en.mastersinleiden.nl/programmes/ict-in-business/en/introduction>

USE-INSPIRED BASIC RESEARCH



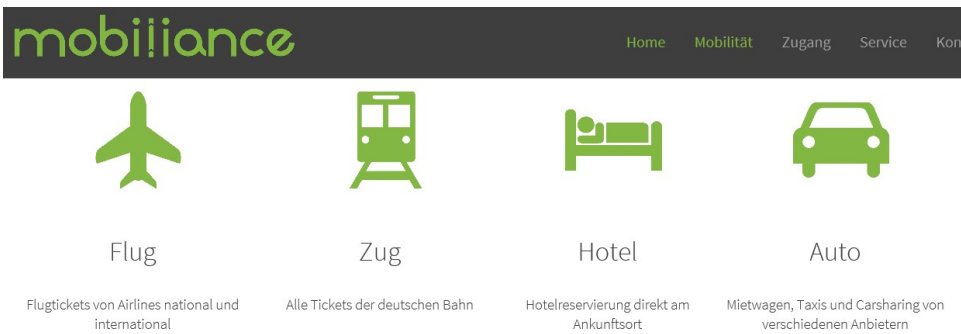
[Donald E. Stokes, 1997]

CeTIM RESEARCH FOCUS

1. Research and Innovation Policy
aiming at getting a deeper understanding of cooperations in innovation, e.g. in clusters or in the are of technology transfer.
2. High-Tech Entrepreneurship
aiming at getting a deeper understanding of the process from a technical invention towards economic growth, and
3. New Ways of Work and Networked Organisations
aiming at getting a deeper understanding of ways of work performed by engineers in the role of knowledge workers.

Cloud & Mobile Service Design

Context: EU Project MOBIS – Start-up Mobiliance



Service Orchestration



Coach: Margherita.Forcolin@CeTIM.org



Centre for Innovation The Hague

Bachelor's thesis proposal

Mobile Apps

CDH Mobile: Virtual tour @ Campus Den Haag

Leiden University Campus Den Haag developed together with the Centre for Innovation and the Leiden University startup Cappuccino@Work an iOS mobile application for the campus.

The application available in the App Store, gives you information on Leiden University - Campus Den Haag at hand and keeps you informed on latest events of the campus and the living lab. To help new students find their way on the campus in The Hague, further promote Leiden University and its attractive location in The Hague, we would be looking for ways to include an interactive tour to guide especially new students around the campus buildings and the city center.

Your objective is to add a virtual The Hague tour functionality to the existing mobile Campus Den Haag app (visitors/new students in The Hague can be guided with GPS to interesting sites and university buildings).



Coach: Christoph.Stettina@CeTIM.org



Centre for Innovation The Hague

Master's thesis proposal

Agile Project Management

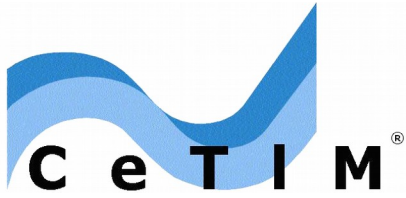
Agile Organizations: Migrating to Agile via Coaching Teams

How do organizations implement agile methods through coaching teams?

Agile methods inevitably made an entrance into the enterprise world. In a recent survey on agile software development about a quarter of the 4048 respondents come from organizations with more than 500 employees. While this adoption carries on, the question arises on how it can be implemented outside of individual projects.

Coach: Christoph.Stettina@CeTIM.org

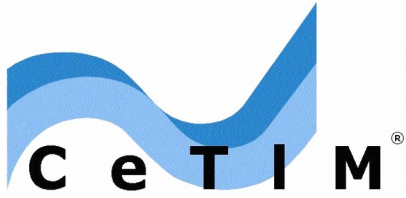




Coalitional Model of Interorganizational Relationships

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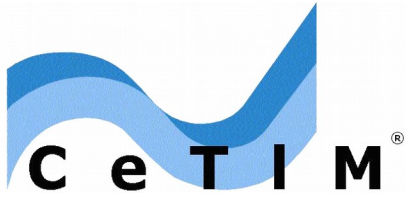
background

large portion of the organization theory literature deals with coalitions in the intraorganizational context

focus on political concerns in organizations

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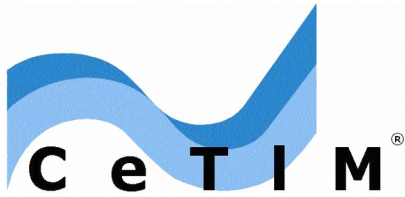
aim

**to extrapolate key findings, hypotheses, and
research questions emerging from the
intraorganizational setting to the
interorganizational setting**

e.g. in TIM systems

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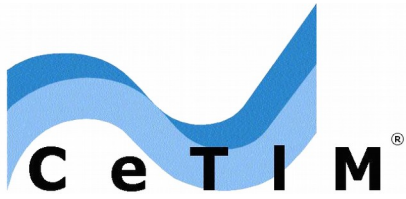
coalitions

coalitions in organizations arise from the multiplicity of organizational goals

when these goals conflict, different individuals (e.g. employees, managers, and stockholders) are motivated to pursue the realization of particular objectives, and coalesce about the issues

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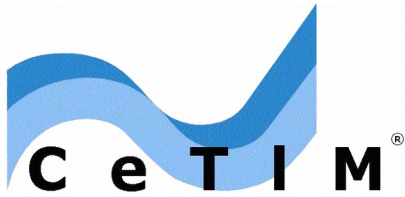
coalitions

opposing coalitions in organizations compete and bargain for the allocation of rewards or payoffs, including financial resources and functions, along with organizational precedence

the winning coalition is that which is able to control the decision concerning the central issue

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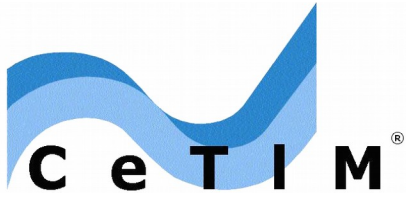
coalitions

organizational research borrows the notion of coalition from the disciplines of social psychology and political science

“temporary alliances among some subset of the involved parties”

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coalitions

“engineered agreements and alliances”

“a collectivity with an interest or stake in some organizational action”

“temporary, means oriented, alliances among individuals or groups which differ in goals”

“negotiated orders based on resource exchanges between self-interested actors”

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The logo for CeTIM features a stylized blue wave on the left, followed by the text 'CeTIM' in a bold, sans-serif font. The number '8' is positioned above the 'e' and 'T', and the word 'coalition characteristics' is written in a larger, bold, blue font to the right of the '8'.

8 coalition characteristics

1 interacting group

an individual that pursues the same goal as others, but who nonetheless desires to act independently of others cannot be a member of the coalition

2 deliberately constructed

formed and designed consciously by their members

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8 coalition characteristics

C e T I M[®]

3 independent of formal organization's structure

members are part of a formal organizational structure (e.g. departments and project teams), although the coalition itself is independent of this

4 lack of formal internal structure

decision making is reliant on influences exerted by different members rather than through a formal, hierarchical structure

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8 coalition characteristics

5

mutual perception of membership

there is awareness, at the minimum of the core members and some level of awareness of others who make up the coalition

6

issue oriented

while members may have different self-motivations for entering the group, they hold common perceptions of the coalitional level objectives

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The logo for CeTIM features a stylized blue wave on the left side, with the letters 'C', 'e', 'T', 'I', and 'M' arranged horizontally below it. The 'T' and 'I' are slightly larger and more prominent.

8 coalition characteristics

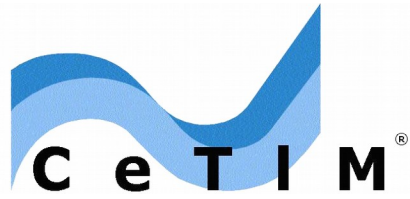
C e T I M[®]

7 external focus

coalitions form as individuals are unable to influence an external issue on their own and recognize the power of numbers

8 concerted member action

a coalition must act, and do so as a group



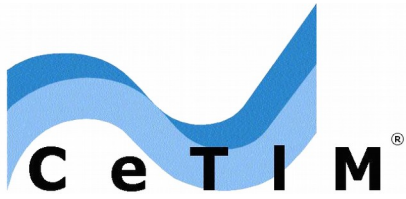
research themes

coalition formation

how do interorganizational coalitions
form?

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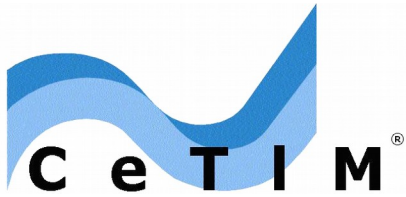
research themes

power acquisition

how is power acquired by organizations
in interorganizational coalitions?

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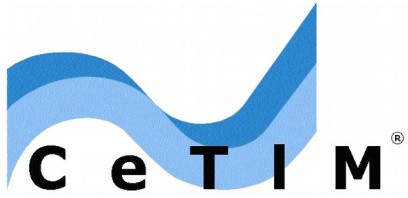
research themes

political dynamics

what are the political tactics employed by organizations in the interorganizational coalition?

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