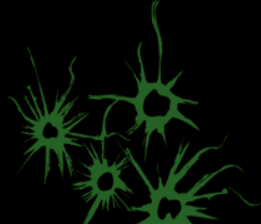


Innovation & Technology Management

Dr. ir. ERWIN HOFMAN



Profile: Innovation and Technology Management

“Disruptive innovations are wiping out entire product lines and entire industries. It comes out of the blue, and it can happen over night. It can mean sudden death for the disrupted, and sudden wealth for the disrupter.”

(FinancialTimes.com, 2015)

This disruption dynamic is creating an atmosphere of paranoia for both big companies and startups alike.... Many companies call for expertise on ***Innovation and Technology Management.***



Profile: Innovation and Technology Management

The profile Innovation and Technology Management blends real-world innovation experience with proven research models to help you master the skills and mindset you need to solve innovation business challenges.

**INNOVATION
DISTINGUISHES
BETWEEN A LEADER
AND A FOLLOWER.**



Steve Jobs
American entrepreneur
and inventor
(1955-2011)

Overview courses

Quartile1: Innovation and Technology Dynamics (194111500)

The focus is on the dynamics and governance of technology and innovation on both macro and micro levels of analysis.



Klaasjan Visser



Stefan Kuhlmann

Quartile 3: Management of Organisation, Operations and Technological Innovation (201300075)

The focus is on how to organise and manage innovation and operations needed to successfully survive in the marketplace. In its organisational content, the focus is on organisational change and organisation of networks. Operations is targeting at optimisation of production and materials management. Technology management sets the basis of technology planning and introduces a set of management tools.



Erwin Hofman



Holger Schiele

Quartile 3: Supply Chain Management and Innovation

Focus on the form and function of cross-functional collaboration in purchasing and Research and Development, topics include for example early supplier integration for innovation.



Holger Schiele



Matthias de Visser

Quartile 3: IT-based Knowledge Management for Business Innovation

Business innovation methods in modern organizations, how can we benefit from information technology -Internet of Things, Big Data, Artificial Intelligence, Business Simulation and Crowdsourcing.



Matthias
de Visser



Fons van
Wijnhoven

Next year: Strategic Technology Management and Innovation

We will take a perspective of both established and emerging firms competing through technological innovations, and study the key strategic drivers of value creation and appropriation in the context of business ecosystems, topics: platform markets, product family planning, modularity, etc.



Erwin Hofman

Teaching Team Members:



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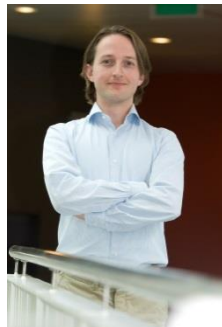
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Student assistant

DOUBLE DEGREE INNOVATION & ENTREPRENEURSHIP

- The Master's in Innovation Management & Entrepreneurship is a double degree programme offered by the University of Twente in conjunction with Berlin University of Technology. This double degree programme is worth 120 credits and results in two Master's degrees:
 - MSc in Business Administration from the UT (60 credits);
 - MSc in Innovation Management & Entrepreneurship from TU Berlin (60 credits).
- This double degree programme takes two years to complete and consists of four semesters (two at the UT and two at TU Berlin). The exact programme structure depends on your enrolment university and your exchange university.
- <http://www.utwente.nl/ba/master/double-degree/application-and-deadlines/>

Master thesis projects - some examples:

MSc Thesis Assignments can be:

- Linked to our ongoing research projects
- Company assignments
- Your own ideas

In most projects – companies are involved.



bol.com



SIEMENS

Examples of current Master Thesis projects:



Very interesting topics, most are linked to our research projects.

- Business road mapping in construction and financial services industry.
- Design strategies in the gaming industry.
- How to integrate suppliers at Volkswagen and AGCO in the development of subsystems (instead of just supplying smaller components)



▪ **WE HAVE PROJECTS AVAILABLE!**



THALES



Examples of jobs that match the profile:

Chief (Strategy &) Innovation Officer

- Innovation manager
- Business developer
- Product manager
- Projectmanager R&D
- Innovation consultant
- Strategic buyer / supply chain engineer
- Specialist Supplier Development
- and jobs alike.

Thank you for your attention! Slides are available in print.

