

## FSES TM INF 2007-2010

FSES TM INF	TEC 3667/2007/1	Fault localization of high voltage power cable : Analyzation of the dispersion and reflection of partial discharge signals produced by an external power supply / Beat Schwaller
FSES TM INF	TEC 3667/2008/1	Jess to JADE Toolkit (J2J) : a rule-based solution supporting intelligent and adaptive agents / Joël Vogt
FSES TM INF	TEC 3667/2008/2	Endpoint-Compliance : Integration in eine Network-Authentication Lösung / Lukas Akermann
FSES TM INF	TEC 3667/2008/3	Interactive learning applications within a MHP environment / Oliver Schmid
FSES TM INF	TEC 3667/2008/4	Imagebank: Online-Archiv der digitalen Fotografie : Implementierung eines verteilten Systems in .NET / Martin Surka
FSES TM INF	TEC 3667/2008/5	Fast scale and orientation matching of images using scale-invariant features / Manuel Studer
FSES TM INF	TEC 3667/2009/1	Exploring query augmentation for the SOCRADES application service catalogue / Bettina Dober
FSES TM INF	TEC 3667/2009/2	On job shop problems with blocking and flexible machines / Reinhard Bürgy
FSES TM INF	TEC 3667/2009/2+A	On job shop problems with blocking and flexible machines / Reinhard Bürgy
FSES TM INF	TEC 3667/2009/3	Einsatz und Potenziale von Data Warehouses und Kundendatenanalyse in einem Schweizer Telekommunikationsunternehmen / Betül Celem
FSES TM INF	TEC 3667/2009/4	Weiterentwicklung des LPL-Internetsolvers / Frédéric Gauderon
FSES TM INF	TEC 3667/2009/5	Open Source Web 2.0 Content Management Systeme in Nonprofit-Organisationen : theoretische Ausarbeitung ihres Einsatzpotentials und Analyse eines praktischen Beispiels: Greenpeace Schweiz / Matúš Kmit'
FSES TM INF	TEC 3667/2010/1	Coordination Model for Pervasive Computing : a model to create and design applications using a pervasive middleware / Benjamin Hadorn
FSES TM INF	TEC 3667/2010/2	A transition-sensitive subset-construction for Büchi automata / Joel Allred
FSES TM INF	TEC 3667/2010/3	Weena : Faceted personal document browser / Julien Thomet
FSES TM INF	TEC 3667/2010/4	Bind & Adapt an Approach and Framework for Information Visualization / Benoît Pointet
FSES TM INF	TEC 3667/2010/5	Erweiterung des Data-Mining-Softwarepakets WEKA um induktive unscharfe Klassifikation / Cédric Graf
FSES TM INF	TEC 3667/2010/6	Synchronisation mobile : projet de synchronisation entre une plateforme de courtage immobilier et des clients mobiles / Hamed Sekandary
FSES TM INF	TEC 3667/2010/7	CPLc : a generic compiler for fast prototyping cryptographic protocols / Martial Seifriz
FSES TM INF	TEC 3667/2010/8	Software change management processes in a private bank : analysis and redesign / David Bufka
FSES TM INF	TEC 3667/2010/9	Security evaluation for network games using Peer-2-Peer systems / Roland Plüss
FSES TM INF	TEC 3667/2010/10	Montu forever final report / Tony Svenson
FSES TM INF	TEC 3667/2010/11	MediCoordination : interoperability between hospitals and medical actors / Muaz Cisse
FSES TM INF	TEC 3667/2010/12	Delphi-Umfrage : "Treiber der Adoption von Business Intelligence as Software as a Service" : Tele Delphi versus Realtime Delphi / Raphael Branger
FSES TM INF	TEC 3667/2010/13	Implementation of an inductive fuzzy classification interpreter / Philippe Mayer

## FSES TM INF 2011-2012

FSES TM INF	TEC 3667/2011/1	Ergonomic gestures recognition / Tom Ferrer
FSES TM INF	TEC 3667/2011/2	Activity recognition for motion-aware pervasive systems / Adriana Gabriela Wilde
FSES TM INF	TEC 3667/2011/3	Green-Traceability : Consumer product identification from images taken by mobile phones / Kai Chen

FSES TM INF	TEC 3667/2011/4	SMUIML Editor : Graphical Tool for Modeling Multimodal Interaction / Saïd Mechkour
FSES TM INF	TEC 3667/2011/5	HandSign - a new biometric system based on signature and hand geometry verification / Joseph Schächli
FSES TM INF	TEC 3667/2011/6	A human-oriented webinterface for smartparticipation / Philipp Hofer
FSES TM INF	TEC 3667/2011/7	oSEEd, a dynamic OCD to EPUB authoring tool / Daniele Cavadini
FSES TM INF	TEC 3667/2011/8	Social Web Monitoring : Konzeption, Entwicklung und Implementierung eines Prototypen zur Analyse von Fanseiten von Unternehmen auf Facebook / Marcel Wehrle
FSES TM INF	TEC 3667/2012/1	Identification of chordless cycles in binary (undirected) graphs / Nayla Sokhn
FSES TM INF	TEC 3667/2012/2	Vergleich von Web-Analytics-Methoden für verschiedene Anwendungen des Social Web in der Unternehmenspraxis / Tom Ferrer
FSES TM INF	TEC 3667/2012/3	Datenqualität in Verbindung mit dem Vertrauen / Olivier Wolf
FSES TM INF	TEC 3667/2012/4	Job shop scheduling with rail-bound transportation robots : construction and implementation of a physical model of an automated production environment / Thierry Messer
FSES TM INF	TEC 3667/2012/5	DNS <sup>3</sup> : DNS semantic-aware service for security and authoritative information / Ahmed S. Mostafa
FSES TM INF	TEC 3667/2012/6	Automated recognition of electricity consumption signatures / Damien Zufferey
FSES TM INF	TEC 3667/2012/7	GetSound : a noise level storage and visualization system using models to generate probabilistic data / Mariusz Wisniewski
FSES TM INF	TEC 3667/2012/8	Fuzzy clustering in social networks : fuzzy student recommender system / Aleksandar Drobnjak
FSES TM INF	TEC 3667/2012/9	Setting up a new master of science program in serious games analysis, design & development / Fouad Murr
FSES TM INF	TEC 3667/2012/10	Moji : the advent of large identifiers and how to conquer them as human / by Michael Luggen
FSES TM INF	TEC 3667/2012/11	Unconventional store systems for RDF Data : comparison between registry systems used as semantic web RDF Data Stores / Iliya Enchev
FSES TM INF	TEC 3667/2012/12	Denial-of-service resilience in content based publish/subscribe systems / Arnaud Gaspoz
FSES TM INF	TEC 3667/2012/13	The emptiness problem of k-Counting Automata / Carine Poffet
FSES TM INF	TEC 3667/2012/14	Autonomous indoor navigation : implementation of an autonomous indoor navigation system on android / Frédéric Aebi
FSES TM INF	TEC 3667/2012/15	Price analysis of value networks in a cloud enabled marketplace for XaaS / Mathias Müller

## FSES TM INF 2013-2014

FSES TM INF	TEC 3667/2013/1	Zooming and visualizing for brainstorming apps / Caroline Voeffray
FSES TM INF	TEC 3667/2013/2	Using biosignals to control the Nao robot / Alistair Doswald
FSES TM INF	TEC 3667/2013/3	Automatically detected acoustic landmarks for assessing natural emotion from speech/ Hervé Sierro
FSES TM INF	TEC 3667/2013/4	CyberCoach : a RESTful Webservice to track and manage sport activities / Samuel Vonlanthen
FSES TM INF	TEC 3667/2013/5	LMap : a web-based application for the display of geolocated Tweets on a map / Aron Martinez
FSES TM INF	TEC 3667/2013/6	Personal profile merger based on Internet social information / Julien Tscherrig
FSES TM INF	TEC 3667/2013/7	HMM implementation into KNIME : advanced time series processing using KNIME / Fabien Dubosson
FSES TM INF	TEC 3667/2013/8	Extending the eParticipation platform with fuzzy-based eCollaboration functionalities / Michael Dejen
FSES TM INF	TEC 3667/2013/9	Big data analytics on high velocity streams : specific use cases with Storm / Thibaud Chardonnes

FSES TM INF	TEC 3667/2013/10	Printed content & handwritten notes discrimination in scanned documents / Mathias Seuret
FSES TM INF	TEC 3667/2013/11	Building a full-text index on a NoSQL Store / NguyenThi Thu Hang
FSES TM INF	TEC 3667/2014/1	The entity registry system : support for distributed transactions with tunable consistency levels / Teodor Macicas
FSES TM INF	TEC 3667/2014/2	Crowd-flow designer : an open-source toolkit to design and run complex crowd-sourced tasks / Dani Rotzetter
FSES TM INF	TEC 3667/2014/3	Clone detection that scales / Simon Vogt
FSES TM INF	TEC 3667/2014/4	Automatic recognition of laughter using verbal and non-verbal acoustic features / Tomasz Jacykiewicz
FSES TM INF	TEC 3667/2014/5	TreatDis: treatment extraction and ranking from medical literature / Monica Noselli
FSES TM INF	TEC 3667/2014/6	Sports scheduling with respect to traveling distances / Sandro Kolly
FSES TM INF	TEC 3667/2014/7	Mécanique des fluides numériques sur GPU : une étude avec OpenFOAM / Lionel Rywalski
FSES TM INF	TEC 3667/2014/8	Visual mining of smartphone sensor data / Adel Riazhev
FSES TM INF	TEC 3667/2014/9	Security protocols for loyalty card systems on mobile devices / Laurent Cuennet
FSES TM INF	TEC 3667/2014/10	Just in time information retrieval agent to support text creation, based on the mixed initiative user interface design / Lorena Recalde
FSES TM INF	TEC 3667/2014/11	Authorship attribution and profiling in Spanish and English language / Lesly Miculicich
FSES TM INF	TEC 3667/2014/12	Intuitive historical document annotation interface for mobile devices / Fitim Ismaili
FSES TM INF	TEC 3667/2014/13	Designing for public debate on social media : a case study in Macedonian elections / Resul Collaku
FSES TM INF	TEC 3667/2014/14	Intrusion detection in electrical networks using Snort / Julien Oberson

## FSES TM INF 2015

FSES TM INF	TEC 3667/2015/1	Real time tracking and visualization of indoor social interactions / Thomas Rouvinez
FSES TM INF	TEC 3667/2015/2	Distributed wideband software-defined radio receiver for heterogeneous systems / Arnaud Durand
FSES TM INF	TEC 3667/2015/3	A workbench for comparing collaborative- and content-based algorithms for recommendations / Pat Kläy
FSES TM INF	TEC 3667/2015/4	CiteWise : the citation search engine / Aliya Ibragimova
FSES TM INF	TEC 3667/2015/5	Grammatical errors detection based on N-gram Analysis / Marwa Bouzeyane
FSES TM INF	TEC 3667/2015/6	Application of the fuzzy-intuitionistic approach to the dependency model developed within a complex e-health platform hosting environment / Daria Kurochkina
FSES TM INF	TEC 3667/2015/7	Anomaly detection in smart city water networks with IBM Infosphere Streams / Georg Schaller
FSES TM INF	TEC 3667/2015/8	Empirical performance investigation of a Büchi complementation construction / Daniel Weibel
FSES TM INF	TEC 3667/2015/9	Evolution driven, multivariate testing on the web / Jan Kuehni
FSES TM INF	TEC 3667/2015/10	Elliptic curves in e-voting : a study of elliptic curves in real world attractions / Christian Lutz
FSES TM INF	TEC 3667/2015/11	Data skepticism in practice : online anomaly detection over big data streams / Laura Rettig
FSES TM INF	TEC 3667/2015/12	Des bornes iBeacon pour améliorer la logistique d'un dépôt de marchandises / Denis Bossy
FSES TM INF	TEC 3667/2015/13	Analyse influence of music on children in a math serious games / Ruzhitsa Velkova
FSES TM INF	TEC 3667/2015/14	Sensing human comfort : an inclusive implementation of indoor environmental data collection / Léonard Stalder

FSES TM INF	TEC 3667/2015/15	Design and evaluation of a visual data exploration tool for multivariate building data / Roman Baeriswyl
FSES TM INF	TEC 3667/2015/16	SmartParticipation : generating dynamic profiles based on user interaction with the help of a graph database / Johannes Eifert

## FSES TM INF 2016

FSES TM INF	TEC 3667/2016/1	Low-rank representation for enhanced deep neural network acoustic models / Gil Luyet
FSES TM INF	TEC 3667/2016/2	Knowledge Carrier Visualization : Konzeption, Entwicklung und Evaluation eines Prototyps zur Visualisierung von Wissensträgern durch adaptive und unscharfe Benutzerprofile / Jannick Piller
FSES TM INF	TEC 3667/2016/3	Web-based visualization of a hierarchical, granular knowledge cube / Blaise Rossier
FSES TM INF	TEC 3667/2016/4	People tracking in video conferences : using an IP camera with skype / Ertan Dağıstanlı
FSES TM INF	TEC 3667/2016/5	Can direct control influence player behavior / Yil Deari
FSES TM INF	TEC 3667/2016/6	Using linear discriminant analysis for deep neural network initialization / Michele Alberti
FSES TM INF	TEC 3667/2016/7	Detecting and reducing interruptions at work : a qualitative and quantitative experiment / Thibaut Mauron
FSES TM INF	TEC 3667/2016/8	Usability refactoring in large scale open source projects - a case study / Timon Amstutz
FSES TM INF	TEC 3667/2016/9	Relationship between subjective comfort perception and smartphone sensor data / Roman Küpper
FSES TM INF	TEC 3667/2016/10	Suggesting parameters for document image analysis methods on historical document images using auto-encoder reconstruction score / Emanuele Dias
FSES TM INF	TEC 3667/2016/11	Enhancing the visualization of mixed multidimensional data in parallel coordinates / Raphaël Tuor

## FSES TM INF 2017

FSES TM INF	TEC 3667/2017/1	Büchi automata : reducing the degree of non-determinism / Christian Göttel
FSES TM INF	TEC 3667/2017/2	Author verification over topically diverse text streams / Maria-Stamatoula Karavolia
FSES TM INF	TEC 3667/2017/3	Visual assistance for visually impaired using VR and AR technologies / Marin A. Tomać
FSES TM INF	TEC 3667/2017/4	Implementation of a large-scale epidemic total order algorithm / Jocelyn Thode
FSES TM INF	TEC 3667/2017/5	A semantic discovery for smart things in the extended web of things / Alexander Ruedlinger
FSES TM INF	TEC 3667/2017/6	Intuitive determinization of Büchi automata / Christophe Stammel
FSES TM INF	TEC 3667/2017/7	A proposed method for unsupervised anomaly detection for a multivariate building dataset / Roberto G. Sánchez A.
FSES TM INF	TEC 3667/2017/8	Wikipedia data visualisation : design, development and evaluation of a prototype which enables a user to explore Wikipedia data based on visualisations / Maria Schmidt
FSES TM INF	TEC 3667/2017/9	cBoard : a co-located single display collaborative smart whiteboard / Moreno Colombo
FSES TM INF	TEC 3667/2017/10	Query expansion over microblog data : solving Twitter's vocabulary mismatch problem / Alexandre Nikodemski

FSES TM INF	TEC 3667/2017/11	Framework and evaluation of player involvement with dynamic gameplay / Nadia Aebischer
FSES TM INF	TEC 3667/2017/12	Dynamic tailored intervention system / Fabio Sodani
FSES TM INF	TEC 3667/2017/13	Big data for automatic relation extraction in natural language processing : using word embedding and Word2Vec / Jérémy Serre

## FSES TM INF 2018

FSES TM INF	TEC 3667/2018/1	LSDSuite: evaluation framework for large-scale distributed / Ismaïl Senhaji
FSES TM INF	TEC 3667/2018/2	Scaling up the evaluation of distributed systems / Simon Brulhart
FSES TM INF	TEC 3667/2018/3	Modeling the evolution of fashion trends using matrix factorization techniques / Leutrim Kaleci
FSES TM INF	TEC 3667/2018/4	Document image processor (DIP) / Lukas Imstepf
FSES TM INF	TEC 3667/2018/5	ABA-J interactive multi-modality tissue section-to-volume alignment : a brain atlasing toolkit for ImageJ / Felix Meyenhofer
FSES TM INF	TEC 3667/2018/6	DIVAServices-webinterface : method experimentation module / Igor Dundic
FSES TM INF	TEC 3667/2018/7	Consent management system for a personal data marketplace : case of Bitsabout.me / Luka Hamza
FSES TM INF	TEC 3667/2018/8	Autonomous vehicles and us : human-AV interaction design / Guillaume Pythoud
FSES TM INF	TEC 3667/2018/9	GraphManuscribble 2.0 / Lars J. Vögtlin
FSES TM INF	TEC 3667/2018/10	The state of conversational agents : a 2017-2018 review / Jacky Casas
FSES TM INF	TEC 3667/2018/11	DNNViz: introspective visualization for deep neural network / Gil Clavien
FSES TM INF	TEC 3667/2018/12	Tourenoptimierung der Müllabfuhr in der Gemeinde Kerzers : eine Zusammenarbeit mit der Haldimann AG / Chris Weyland

## FSES TM INF 2019

FSES TM INF	TEC 3667/2019/1	Deep learning for historical document synthesis / Michaël Diatta
FSES TM INF	TEC 3667/2019/2	Analyzing the popularity of wikipedia articles / Marian Briceag
FSES TM INF	TEC 3667/2019/3	Off-line math formula recognition using deep neural networks / Michael Jungo
FSES TM INF	TEC 3667/2019/4	Improving the comfort assessment feedback rate in office buildings through the mobile app : design and evaluation / Aleksandar Ilić
FSES TM INF	TEC 3667/2019/5	Learning objet representations by mixing scenes / Lukas Zbinden
FSES TM INF	TEC 3667/2019/6	Authenticate ICs using blockchain / Mohammad Altahan
FSES TM INF	TEC 3667/2019/7	Learning graph properties : a dive into the world of random graphs / Sylvain Julmy
FSES TM INF	TEC 3667/2019/8	Advanced remote communications system (ARCSys) : extending the security of modern communications systems to email messages / Simon Studer



## FSES TM INF 2020

FSES TM INF	TEC 3667/2020/1	Lightweight application layer protection for embedded devices with a safe programming language Martin Andreas Disch
FSES TM INF	TEC 3667/2020/2	A POS tagger comparison three POS taggers compared individually and combined on prose and poetry Matteo Badaracco
FSES TM INF	TEC 3667/2020/2+A	A POS tagger comparison three POS taggers compared individually and combined on prose and poetry Matteo Badaracco
FSES TM INF	TEC 3667/2020/3	A benchmark suite for serverless computing AWS Lambda, Microsoft Azure Functions, Google Cloud Functions, IBM Cloud Functions Pascal Maissen
FSES TM INF	TEC 3667/2020/4	Using supervised machine learning to identify swiss companies' websites Zeno Bardelli
FSES TM INF	TEC 3667/2020/5	On job-insertion for the blocking-job-shop and its application to the SBB challenge Fabio Degiacomi
FSES TM INF	TEC 3667/2020/6	Prostate cancer classification: a transfer learning approach to integrate information from diverse body parts Julien Clément, Johan Jobin
FSES TM INF	TEC 3667/2020/7	Enrichment of taxonomy Mili Biswas
FSES TM INF	TEC 3667/2020/9	Generation of synthetic historical documents Manuel Drazyk

## FSES TM INF 2021

FSES TM INF	TEC 3667/2021/1	Decentralized LoRa infrasctructure using blockchain Andrea Rar
FSES TM INF	TEC 3667/2021/2	Evaluating text classification models on multilingual documents Julia Eigenmann
FSES TM INF	TEC 3667/2021/3	Graph-based representation and classification of whole slide tissue images Marion Schoenenweid
FSES TM INF	TEC 3667/2021/4	The library of distributed protocols Aleksandar Lazic
FSES TM INF	TEC 3667/2021/5	Character recognition in ancient greek papyrus Gwenael Gendre
FSES TM INF	TEC 3667/2021/6	Recommender systems for beekeeper's GDPR compliant data Nanaé Aubry
FSES TM INF	TEC 3667/2021/7	UCB landscape - Applying BERT-models on aspect-based sentiment analysis within the pharmaceutical market Yi Zhang
FSES TM INF	TEC 3667/2021/8	Consensus Zoo Paula Amstutz
FSES TM INF	TEC 3667/2021/9	Authoring tool for video game creation as research instrument in psychology Kilian Ruchti

## FSES TM INF 2022

FSES TM INF	TEC 3667/2022/1	A computational literature analysis of conversational AI and chabots with a focus on coaching Charuta Pande
FSES TM INF	TEC 3667/2022/2	Twitter as an indicator of censorship Mounika Ravindra
FSES TM INF	TEC 3667/2022/3	Comparing the impact of data imputation on time series downstream tasks Zakhar Tymchenko
FSES TM INF	TEC 3667/2022/4	Flowstrates++ a visualization tool for multi-dimensional temporal origin-destination data Nicolas Fuchs
FSES TM INF	TEC 3667/2022/5	Generating synthetic styled Chu' Nôm characters Jonas Diesbach
FSES TM INF	TEC 3667/2022/6	IknowU - Smart glasses for visual impairment a novel augmented reality tool for the rehabilitation of patients with unilateral spatial neglect Hekuran Mulaki
FSES TM INF	TEC 3667/2022/7	Guidelines for involving citizens in smart city projects using collaborative and competitive events Narek Andreasyan

FSES TM INF TEC 3667/2022/8  
FSES TM INF TEC 3667/2022/9

Go language support in hyperledger fabric private chaincode Ricardo Zappoli  
A gamified mobile application for approach-avoidance tasks Karim Aebischer

## FSES TM INF 2023

FSES TM INF TEC 3667/2023/1 Evaluating link prediction for emerging nodes in dynamic networks Manuel Mondal

FSES TM INF TEC 3667/2023/2 A proposal for an ArchiMate profile for blockchain-based enterprise architectures Yanisa Butphrom

FSES TM INF TEC 3667/2023/3 Uncovering the relationship between light and movement a study and development of a flexible visualization tool Hervé papaux

FSES TM INF TEC 3667/2023/4 Blockchain privacy notions using the transaction graph model François-Xavier Wicht

FSES TM INF TEC 3667/2023/5 Interactive Quad Mesh design David Berger

FSES TM INF TEC 3667/2023/6 eXplainable AI - a Chatbot with hybrid explanations impact on user perceptions and behavior within different groups Sandrine Zeiter

FSES TM INF TEC 3667/2023/7 Augmented reality escape room to support the rehabilitation of people with visual impairments Cédric Membrez

FSES TM INF TEC 3667/2023/8 Generating routes to support the distribution of train activities to the depots of SBB Joël Zuber

FSES TM INF TEC 3667/2023/9 Anonymity at Risk? assessing re-identification capabilities of large language models Alex Nyffenegger

FSES TM INF TEC 3667/2023/10 Improving feature-space generalization using the Typhon framework Jonas Fontana

FSES TM INF TEC 3667/2023/11 Sterile-Zone perturbations recognition using vision-language models Alain Schaller

FSES TM INF TEC 3667/2023/12 Applying the TEA-Graph based analysis to colorectal cancer data Atefeh Fakhari

FSES TM INF TEC 3667/2023/13 Graph databases vs. relational databases for social web applications a systematic evaluation Christian Fries

Etat au 06.06.2024