CURRICULUM VITAE – MICHAEL TSIKERDEKIS

PERSONAL INFORMATION

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I am a strongly motivated individual, determined to learn, adapt and evolve personally as well as professionally. In all aspects of life, I consistently strive to achieve the highest and best result possible with any challenge that may come my way. I believe that innovation and progress are the keys to achieving success. Together with my lifelong commitment to scientific learning, research and teaching, I believe that knowledge should be constantly pursued and shared. I possess a strong conviction in multiculturalism and believe in the many benefits of bringing people of diverse backgrounds together. The advantages of people learning from each other, sharing their knowledge with one another and expanding their understanding of the world is not only amazingly fun but highly profitable when new knowledge is brought to the table.

ACADEMIC POSITIONS

Assistant Professor - School of Information Science, University of Kentucky (2013 Aug. → Present)

Teaching Assistant - Masaryk University (2012 Sept. → 2013 Jan.)

Lecturer - Masaryk University (2012 Feb. → 2012 July)

EDUCATION

Ph.D. Informatics [Computer Science] – Masaryk University, Brno, Czech Republic (2013)

Mgr. Forestry and Natural Environment – Aristotle University, Thessaloniki, Greece (2008)

OTHER RELEVANT WORK EXPERIENCE

2008 Dec. → 2009 Feb.: IBM IDC (GSDC) - Brno, Czech Republic
IT System Server Operator. International Business Machines (IBM), IDC (GSDC) Brno, Responsibilities: Monitoring server applications, databases and backups Win2000/win2003/ORACLE/SQL/SAP/AIX. Support for the French branch of IBM clients. Monitoring of Tivoli problem system.

2007 Oct. → 2008 Nov.: Creative Web Innovations (prev. WuWCorp) - Thessaloniki, Greece

PEER-REVIEWED PUBLICATIONS

[j10] **Tsikerdekis, M.** (in-press). Identity Deception Prevention using Common Contribution Network Data. *IEEE Transactions on Information Forensics & Security.* **Impact Factor: 2.441**

[b2] **Tsikerdekis, M.** (2016). Bayesian Inference. In J. Robertson & M. C. Kaptein (Eds.), *Modern Statistical Methods for HCI*. London, U.K.: **Springer**.

[j9] Nemer, D., **Tsikerdekis, M.** (in-press). Political Engagement and ICTs: Internet Use in Marginalized Communities. *Journal of the Association for Information Science and Technology.* **Impact Factor: 1.850**

[j8] Tsikerdekis, M. (in-press) Designing a Successful Collaborative Wiki: The Choice between Outcome Quality and Online Community. *International Journal of Technology and Human Interaction.* **h5-index: 7**.

[j7] **Tsikerdekis, M.** (2016). Personal Communication Networks and their Positive Effects on Online Collaboration and Outcome Quality on Wikipedia. *Journal of the Association for Information Science and Technology*, 67(4), 812-823. doi:10.1002/asi.23429 **Impact Factor: 2.23**

[j6] **Tsikerdekis, M.**, Zeadally, S. (2015). Detection and Prevention of Online Identity Deception in Social Networking Services (SNSs). *IEEE Internet Computing*, 19(3), 41-49. doi:10.1109/MIC.2015.21. **Impact Factor: 2.0**. *(Selected as the **Feature Article** (for July 2015) by IEEE Computer Society Special Technical Committee on Social Networking.)*

[b1] Truta, T., **Tsikerdekis, M.**, Zeadally, S. (2015). Privacy in Social Networks. In S. Zeadally & M. Barda (Eds), *Privacy in a Digital, Networked World.* London, U.K.: **Springer**. ISBN 978-3-319-08469-5.

[j5] **Tsikerdekis, M.**, Zeadally, S. (2014). Online Deception in Social Media. ***Communications of the ACM***, 57(9), 72-80. doi:10.1145/2629612. **Impact Factor: 2.863**

[j4] **Tsikerdekis, M.**, Zeadally, S. (2014). Multiple Account Identity Deception Detection in Social Media Using Non-Verbal Behavior. *IEEE Transactions on Information Forensics & Security*, 9(8), 1311-1321. doi:10.1109/TIFS.2014.2332820. **Impact Factor: 2.065**

[j3] **Tsikerdekis, M.** (2013). The effects of perceived anonymity and anonymity states on conformity and groupthink in online communities: A Wikipedia study. *Journal of the American Society for Information Science and Technology*, 64(5), 1001–1015. doi:10.1002/asi.22795. **Impact Factor: 2.081**

[c2] **Tsikerdekis, M.** (2013). Dynamic Voting Interface in Social Media: Does it Affect Individual Votes? In P. van E. Boas, F. C. A. Groen, G. F. Italiano, J. Nawrocki, & H. Sack (Eds.), *SOFSEM 2013: Theory and Practice of Computer Science* (pp. 552–563). Springer Berlin Heidelberg. doi:10.1007/978-3-642-35843-2_47. **Rank: B (CORE2014)**

[j2] **Tsikerdekis, M.** (2012). Pro/Con Lists and their Use in Group Decision Support Systems for Reducing Groupthink. *INFOCOMP Journal of Computer Science, 11*(2), 10-20.

[j1] **Tsikerdekis, M.** (2012). The choice of complete anonymity versus pseudonymity

for aggression online. *eMinds International Journal on Human-Computer Interaction, 2*(8), 35–57.

[c1] **Tsikerdekis, M.** (2011). Engineering anonymity to reduce aggression online. In K. Blashki (Ed.), *IADIS International Conference - Interfaces and Human Computer Interaction* (pp. 463–467).

Note: Impact factors, h5-index, acceptance rates are taken at the time when manuscripts were submitted for review.

PAPERS UNDER REVIEW	Tsikerdekis, M. Real-Time Identity Deception Detection Techniques for Social Media: Optimizations and Challenges.
	Tsikerdekis, M. Persistent Authorship: A Metric for Code Authorship in Crowdsourced Software.
	Tsikerdekis, M. The case between user cumulative experience and preferential activity behavior and its effects on content quality on Wikipedia.
NON-REFEREED PUBLICATIONS	Matthieu Bloch (GeorgiaTech), Nick Feamster (Princeton), Eric Feron (GeorgiaTech), Cedric Langbort (UIUC), **Michael Tsikerdekis (UK)**, Aylin Yener (PennState). (2016). Exploiting fundamental information and cognitive limits for deception-based cyber-defense. (**White Paper**). In response to: Office of Naval Research, FOA Announcement N00014-16-R-FO05 FY2017 MURI Topic #23 (ARO) Cyber Deception through Active Leverage of Adversaries' Cognition Process
SELECT INVITED LECTURES, PRESENTATIONS AND INTERVIEWS	Tsikerdekis, M., Zeadally, S. (November 2016). Interview on deception detection. Seattle Metropolitan Magazine. To appear.
	Tsikerdekis, M. (August 2016). Interview for **IEEE Computing Edge** column for issue. Finding the Social-Networking Job You Want.
	Tsikerdekis, M., Zeadally, S. (September 17, 2014). Identity Deception in Social Media [Invited Seminar Presentation]. Research Seminar Series, College of Communication and Information, University of Kentucky.
	Tsikerdekis, M., McNealy J., Zeadally, S. (January 30, 2014). Security and Privacy in Cyberspace. [Mini-TED, Honors Living Learning Community, University of Kentucky]
	Tsikerdekis, M., McNealy J., Zeadally, S. (January 29, 2014). Late Night Film Series - Fifth Estate. University of Kentucky [Invited Panel]
	Tsikerdekis, M. (November 2013). Interview on Geotagging Security and Privacy Protection. **WLEX News Report (NBC-affiliate). [TV Interview]** https://www.youtube.com/watch?v=J13R-0bLd0k
	Tsikerdekis, M. (September 2012). Social Interaction Design (SxID) for Social Media. SitSem 2012 [Seminar Presentation].

Tsikerdekis, M. (September, 2012). Introduction to Social Media and Social Networks. SitSem 2012 [Invited Seminar Presentation].

Tsikerdekis, M. (2011). Social Media and Social Networks: An Introduction. "PA159 Net-Centric Computing I" course, Faculty of Informatics, Masaryk University [Guest Lecture].

Honors & Awards

Top seminar presentation award – Masaryk University, Brno, Czech Republic (December 2011). *Received scholarship for top seminar presentation in the Informatics seminars held at the Department of Informatics. Academic year 2010/2011.*

Doctoral student support scholarship - Masaryk University, Brno, Czech (January 2011 - September 2011).

Top seminar presentation award – Masaryk University, Brno, Czech Republic (May 2010). *Received scholarship for excellence in seminar presentations for Informatics seminars held at the Department of Informatics. Academic year 2009/2010.*

Doctoral student support scholarship – Masaryk University, Brno, Czech Republic (January 2010 - December 2010).

Service

University of Kentucky

Chair	**ICT Faculty Search Committee (2014-2015)**
Supervisor	**ICT ColLab (2016)**
Chair	**Diversity Committee, School of Information Science (2014-2015)**
Founding Faculty	**ICT Undergraduate and Graduate Programs at University of Kentucky (2013-present)**
Member	Graduate Faculty for MSc and PhD in Communication (2014-present)
Member	Ad Hoc Curriculum Development Committee for College Graduate program (2015-2016)
Member	School Executive Committee (2016-2017)
Member	Curriculum Development Committee (2016-2017)
Member	ICT Faculty Search Committee (2013-2014)
Member	Strategic Planning Committee for Research, College of Communication and Information (2013-2014)
Member	MSc Project Evaluation Committee, Ivelin Denev (2015)
Member	MSc Thesis Committee, Stephanie Winkler (2016)

Professional

Member	Institute of Electrical and Electronics Engineers (IEEE) 2016 - Present
Member	Association for Information Science and Technology (ASIST) 2013 - Present
Member	Kentucky Academy of Science 2015 - Present
Editor	Open Information Science Journal 2016 - Present
Reviewer	Algorithms, MIS Quarterly, Journal of Homeland Security and Emergency Management, World Wide Web Journal, ACM Mobile HCI (2016), ASIST&T (2014, 2015, 2016), iConference (2014, 2015), Journal of Information Science Theory and Practice, Journal of the American Society for Information Science and Technology, INFOCOMP Journal of Computer Science, Journal of Computer-Mediated Communication, Journal of Communication.

TEACHING

Introduction to Databases (ICT301): University of Kentucky (Undergraduate course - Fall 2014, 2015, 2016). Syllabus: *Relational Database Management Systems, Relational Algebra, Normalization, Entity Diagrams, MySQL queries, User and Privileges Management, Database Security*

Content Management Systems (ICT390-001, ICT 302): University of Kentucky (Undergraduate course - Spring 2015, 2016). Syllabus: *Website Development using Drupal through Cloud Service, System Administration, Content Management Strategy, Designing Social Interfaces, Interaction Design*

Content Management Systems (LIS690-204): University of Kentucky (Graduate course - Spring 2014, 2015). Syllabus: *Website Development using Drupal through Cloud Service, System Administration, Content Management Strategy, Designing Social Interfaces, Interaction Design*

Technologies for Information Services (ICT202): University of Kentucky (Undergraduate course - Fall 2013, 2014, 2015, 2016; Spring 2014, 2016; Summer 2016). Syllabus: *Computer and Network Architecture, Modularity and Layering Design, Markets, Regulations.*

Statistical Data Analysis with SPSS (SOC758), Masaryk University (Graduate course - Spring 2012). Syllabus: *Working with the SPSS Interface, Basics of quantitative statistics - Data and graphs, Assumptions, Correlations, Linear Regression, Logistic Regression, Ordinal Logistic Regression, t-test, ANOVA, Non Parametric Data, Categorical Data.*

COURSE DESIGN AND
GUEST LECTURES

Video Game Development (ICT390)
University of Kentucky (Planned Course).

Proseminar in Communication (CJT601): Intro to Social Computing, University of Kentucky (Graduate course - Fall 2015). Guest Lecture.

Research Methodology (SOC756): Quantitative Research Methods, Masaryk University (Graduate course - Fall 2012). Guest Lecture. Contents: *Sampling methods, Types of Statistical Analysis, Sampling Issues, Mixed-Methods.*

Human-Computer Interaction (VIKMB19): Social Interaction Design and Social Media, Masaryk University (Graduate course - Fall 2012). Guest Lecture. Contents: *Designing social interactions, Social aspects of social media design, Maslow's Hierarchy, Shirky's Ladder, RIBS model.*

Net-Centric Computing (PA159): Social Media & Social Networks, Masaryk University (Undergraduate course - Fall 2011). Guest Lecture. Contents: *Evolution of computer software to accommodate for social interactions, Forms of social media, Differences between online communities, social media, social networks sites and social networking sites, HCI & Technological aspects.*

Graph Theory (PB165): Introduction to Social Network Analysis, Masaryk University (Graduate course - Fall 2011). Guest Lecture. Contents: *History and the basics of handling relational data, Applications, Types of social networks, Density, Local & Relative centrality, Betweeness centrality, Degree centrality, Reach centrality, Centralization, Components, K-core, Cliques, Subgraphs, Plex.*

Project Management and Service Lifecycle (PA179), Masaryk University (Graduate course - Spring 2009). Lecture Presentations Development. Contents: *Project planning, Project life cycle, Managing scope, Strategic planning, Project management & information systems, Project monitoring, evaluation and control, Project Termination.*

Computational Logic (IA008): Intuitionist Logic, Masaryk University (Undergraduate course - Spring 2009). Lecture Presentation Development. Contents: *History, Differences between Classical and Intuitionist logic, Proof condition, Hereditary condition, Recursive conditions, Tableaux of Intuitionist logic, Examples, Counter-models, Soundness and Completeness Lemma and Theorem.*

COMPUTER SKILLS
Operating systems Windows & Linux.

Servers and databases Apache2, openssh, NFS, CUPS, MySQL, Samba, Bind, NoSQL (MongoDB).

Programming, scripting and markup languages C-Sharp, Python, Bash, PHP, LaTeX, HTML, CSS, Delphi, Javascript, VBScript.

CMF, CMS and CMS-like systems Blackboard, WikkaWiki, Invision PB, Drupal, Wordpress.

General Software Microsoft Office, Autocad, Adobe Photoshop, Illustrator, Balsamiq Mockups, GUIDesign Studio.

Scientific Software SPSS, Atlas.ti, R, REDCap, various data mining and social network analysis tools.

LANGUAGE SKILLS
English: Fluent. **Greek**: Fluent. **Czech**: Fluent. **Spanish**: Advanced. **Chinese**: Beginner.

LAST UPDATED
September 14, 2016