Curriculum Vitae



Full Name:	Marcus Liwicki
Highest Degrees:	Prof. (2014), Habil. (2011);PhD; Dr. phil.-nat. (2007)
Other Degrees:	Abitur (2001), Master of CS (2004)
Nationality:	German
Birth Date/Place:	08.06.1982/Berlin
Marital Status:	Married
Address:	Sunderbyvägen 173, 954 42 Södra Sunderbyn, Sweden
Email:	marcus.liwicki@ltu.se
Metrics	Papers: 420, **h: 44**, i10: 171, cites: 11366 (Google Sch.)

Recent Academic Positions

7.2021 – present	vice rector (deputy vice chancellor) in Applied AI, Luleå University of Tech., SWE
7.2018 – present	**chaired Professor** and head of Machine Learning, Luleå University of Tech., SWE
3.2015 – 6.2018	**apl.-Professor** and head of MindGarage, Technische Universität, Kaiserslautern
2.2013 – 12.2018	**Lecturer** and Maitre assistent (part-time) University of Fribourg, Switzerland
5.2014 – 3.2015	**W3-Vertretungsprofessor** (100%) Technische Universität, Kaiserslautern
1.2008 – 5.2014	Senior Researcher , Head of MADM Group, DFKI, Germany
9.2009 – 3.2010	**Visiting Professor,** Kyushu University, Fukuoka, Japan

Education

1.2008 – 10.2011	**Habilitation** and **Venia Legendi** for the field of Applied Computer Science Department of Informatics, Technische Universität Kaiserslautern, Germany
4.2004 – 10.2007	**Dissertation** (Dr. phil. nat., **summa cum laude**) Faculty of Natural Sciences, Universität Bern, Switzerland (Prof. Horst Bunke)
10.2001 – 3.2004	Studies in Computer Science and **Master's Degree i**n Informatics (Dipl. inform.) Department of Informatics, FU Berlin, Germany (Prof. Raul Rojas)

Industrial Experience

2015 – 2018	Researcher and Developer (part-time) Insiders Technologies GmbH, Kaiserslautern
2013 – 2016	**Founding Member and Member of Board of Directors** digipen technologies GmbH, Kaiserslautern, Germany (DFKI spin-off)

Positions in Scientific Committees

IEEE: Member; INNS: member and organizer of educational events (Doctoral Consortium at IJCNN, sometimes organizer and regular mentor)

International Association for Pattern Recognition (IAPR): Sponsoring Board Member, Award Committee, TC-11 dataset curator

International Neural Network Society: Education Board Member

Document Analysis Systems workshop: working groups, leader

International Graphonomics Society (IGS): board member

Expert in international evaluation committees (e.g., Chaires IA 40 new professors in France)

Swedish AI Society (SAIS): Board Member

AI Sweden (ai.se): reference group member

AI Agenda of Sweden: Member of editing group

Tutorial-Presenter

2017: Presenter at International Summer School on Document Analytics
2014, 2012, 2010 "Signature Verification" at the ICFHR
2013 "Building Fast High-Performance Recognition Systems with RNN and LSTM" ICDAR 2013
2012 "Long Short-Term Memory Networks for Pattern Recognition" at ICPR 2012

Competition Organizer

2019 ICDAR 2019 Historical Document Reading Challenge on Large Structured Family Records
2017 ICDAR2017 Competition on Layout Analysis for Challenging Medieval Manuscripts
2010, 2011, 2012, 2013, 2015 Forensic Signature Verification Competitions

Recent Program Committee Memberships

2022 Co-Organizer of DeepLearn Autumn (200 participants)
2021 Chair of International Conference on Document Analysis and Recognition
2021 Chair of Swedish Artificial Intelligence Society Workshop
2020 Program Chair of International Conference on Frontiers in Handwriting Recognition
2019 Organizer of Doctoral Consortium at International Joint Conference on Neural Networks
2017 ICDAR, competition chair, area chair
2016 ICFHR, tutorial & workshop Chair
2015 ICDAR, competition chair, area co-chair
2014 ICFHR, tutorial chair
2010 DAS, discussion group leader (still active until 2018)

Furthermore, Marcus Liwicki is PC-member of most of the PR and Computer Vision-related conferences, i.e., **ICDAR** (Document Analysis and Recognition), **ICFHR** (Frontiers in Handwriting Recognition), **CVPR** (Computer Vision and Pattern Recognition), **ICCV** and **ECCV** (Computer Vision), **ICPR** (Pattern Recognition), **DAS** (Document Analysis Systems), **CBDAR** (Camera-Based Document Analysis and Recognition), **AND** (Analytics for Noisy unstructured text Data) with **ACM-SIGIR, DRR** (Document Recognition and Retrieval), **ACM-SIG** Applied Computing, **GREC** (Graphics Recognition); and PC-member of **HCI** and interdisciplinary conferences, e.g., **ISM** (Symposium on Multimedia), **IGS** (Intl. Graphonomics Society). Also organizer of past workshops (Document Analysis Systems, Open Tools and Services in Document Analysis, Automated Forensic Handwriting Analysis)

Co-Editor of International Journals

International Journal of Document Analysis and Recognition; Frontiers of Computer Science; IEEE Signal processing, Special Issue on Processing Handwritten Signals

In addition reviewer in Pattern Recognition, PR letters, IEEE TPAMI, IEEE Audio, Speech and Language Processing, ELCVIA, IJDAR, Journal of Information Science and Engineering, IEICE Information Systems

Prizes and Awards

2019: Nordea scientific prize for outstanding efforts to promote scientific research and development
2016: Best paper award for "SDK reinvented: Document image analysis …" at DAS 2016
2015: **ICDAR Young Investigator Award** (youngest awardee ever)
2015: His co-founded company digipen GmbH won one of three CeBit Awards 2015
2012: Google best paper award for "Online Signature Verification …" at ICFHR 2012
2007: Alumni Award for the best PhD thesis of the Institute IAM in 2007.
2005: Best student paper award for "Handwriting Recognition of Whiteboard Notes" at IGS
Till 1999: Participation at Mathematics Olympiad (Best result: 3rd place in Berlin, 1st in borough).