



CURRICULUM VITÆ



MAURICE LECLAIRE

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PERSONAL SKILLS

languages: German (mother tongue)
English (fluent)
French (basics)

programming languages: C, Python, Bash, JavaScript

description languages: i. a. \LaTeX , HTML/CSS

operation of webhosting, mail- and nameservers,
network infrastructure, load-balancing / failover cluster,
software packaging and deployment infrastructure,
linux administration, image editing, 3D rendering

PUBLICATIONS (SELECTION)

Enabling Wireless Network Support for Gain Scheduled Control. Sebastian Gallenmüller, René Glebke, Stephan Günther, Eric Hauser, Maurice Leclaire, Stefan Reif, Jan Rüth, Andreas Schmidt, Georg Carle, Thorsten Herfert, Wolfgang Schröder-Preikschat, and Klaus Wehrle. *International Workshop on Edge Systems, Analytics and Networking (EdgeSys)*. Mar. 2019.

Bidirectional Network Coding in Wireless Networks. Stephan Günther, Maurice Leclaire, Maximilian Riemensberger, Georg Carle, and Wolfgang Utschick. *International Conference on Networked Systems (NetSys)*. Mar. 2019.

Benchmarking Networked Control Systems. Sebastian Gallenmüller, Stephan Günther, Maurice Leclaire, Samuele Zoppi, Fabio Molinari, Richard Schöffauer, Wolfgang Kellerer, and Georg Carle. *Workshop on Benchmarking Cyber-Physical Networks and Systems*. Apr. 2018.

Rate Adaptive Link Quality Estimation for Coded Packet Networks. Maurice Leclaire, Stephan Günther, Marten Lienen, Maximilian Riemensberger, and Georg Carle. *IEEE International Conference on Local Computer Networks (LCN)*. Nov. 2016.

Analysis of injection capabilities and media access of IEEE 802.11 hardware in monitor mode. Stephan Günther, Maurice Leclaire, Julius Michaelis, and Georg Carle. *IEEE Network Operations and Management Symposium (NOMS)*. May 2014.



WORK EXPERIENCE

- May 2015 – Apr. 2020 **Research Staff**
at the Chair of Network Architectures and Services
of the Technical University of Munich
*research in the area of network coding, opportunistic
routing, wireless mesh networks and media access
development and operation of TUMexam*
- Jan. 2013 – Mar. 2015 **Research Assistant at the TUM**
i. a. development of libmoep
- Jan. 2012 – Dec. 2012 **Student Assistant at the TUM**
*i. a. creation/marking of programming exercises,
development of kernel patches in the wireless driver*
- Apr. 2011 – Aug. 2011 **Student Assistant at the TUM**
*further development of software in the area of sequence
analysis*



EDUCATION

- Mar. 2015 **M. Sc. Informatics**
- Apr. 2013 – Mar. 2015 **Study of Informatics (Master)**
at the Technical University of Munich
- Dec. 2012 **B. Sc. Informatics**
- Aug. 2010 – Dec. 2012 **Study of Informatics (Bachelor)**
at the Technical University of Munich
- June 2010 **Abitur**
at the Erasmus-Grasser-Gymnasium in Munich



REFERENCES

TUMexam (tumexam.de)
digitalization of exam workflows

libmoep (fafnix.org/libmoep)
open source network injection library

\LaTeX Packages: marginfit, minidocument

supervision of more than 20 theses
(net.in.tum.de/members/leclaire)