



Computer Networks Group@Univ Göttingen

Staff

Head:

Prof. Dr. Xiaoming Fu

Secretaries:

Tina Bockler, Annette Kadziora

Research Assistants:

Dr. Mayutan Arumaiturai

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M.Sc. Jiaquan Zhang

M.Sc. Zhenxuan Wang

M.Sc. Shichang Ding

M.Sc. Sripriya Srikant Adhatarao

M.Sc. Tao Zhao

M.Sc. Jacop de Benedetto

M.Sc. Osama Barakat

M.Sc. Abhinandan Prasad

M.Sc. Sameer Kulkarni

M.Sc. Bo Zhao (co-supervised)

M.Sc. Fei Zhang (co-supervised)

M.Sc. Ahsan Malik (extern, Huawei)

M.Sc. Alessio Silvestro (extern, NEC)

Dipl. Hannes Tschofenig (extern, ARM)

Alumni:

Our alumni are in high demand in both academia and industry:

- 10+ work at renowned industries: BMW, E.ON, VMWare, NEC, Nokia Bell Labs, Nokia, Huawei, Hessischer Rundfunk,...
- 10+ became professors at universities (in USA, Germany, Finland, Ireland, and China)

Collaborations:

We offer various international collaborations to our students, having very active links to

- USA (Columbia U, U Oregon, UCLA, UC Riverside, U Chicago; AT&T)
- UK (U Cambridge, UCL, QMUL; ARM)
- France (SorbonneU, Télécom SudParis; Cisco, Orange Labs, Ucopia)
- Germany (BMW, NEC, Bell Labs, DT)
- Italy (UBologna, Roma2; Telecom Italia)
- Finland (U Helsinki, Aalto U; Nokia)
- Norway (NTNU, U Oslo; Telenor)
- Sweden (Uppsala, SICS; Ericsson)
- Japan (U Tokyo, Osaka U, Waseda U, Nagoya U, NII; NICT, NEC, KDDI)
- China (Tsinghua, PKU, Nanjing, Fudan; Baidu, Huawei, China Telecom, etc.)
- HongKong (PolyU, HKU, HKUST)

for internships or research collaborations.

Research

Developing Future Internet:

Projects: EU ICN2020, GreenICN, VIDIOS

- CNS: Content-oriented Notification Service for Managing Disasters, ICN 2016
- Exploiting ICN for flexible management of software-defined networks. ICN 2014
- COPSS: An Efficient Content Oriented Publish/Subscribe System, ANCS 2011

Developing Software-defined Data Centers, Mobile and Cloud computing:

Projects: EU MobileCloud, CleanSky, ENABLE, MING-T

- NFVnice: Dynamic Backpressure and Scheduling for NFV Service Chains, SIGCOMM 2017
- Crowdlet: Optimal worker recruitment for self-organized mobile crowdsourcing. INFOCOM 2016

Mining Big Data & Social Networks, Social Computing:

Projects: Humboldt Foundation (2), Lindemann Foundation

- A Cross-Platform Consumer Behavior Analysis of Large-Scale Mobile Shopping Data, WWW 2018
- Trajectory Recovery from Ash: User Privacy Is NOT Preserved in Aggregated Mobility Data, WWW 2017
- Triadic Closure Pattern Analysis and Prediction in Social Networks. WWW 2014: TKDE 2015

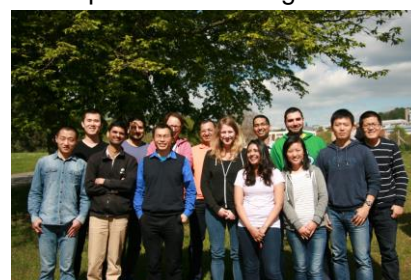
Teaching

Bachelor courses

- Computer Networks (lecture + exercise)
- Networking Lab (practical course)

Master/PhD courses:

- Seminar on Internet Technology (block seminar)
 - Latest developments on Internet technologies
- Advanced Networking (lecture)
 - Latest research directions
- Advanced Networking: *Data Science edition* (practical)
- Adv. Topics in Mobile Com./Comp. Netw. (seminar)
 - Latest research in top journals/conferences
- Social Networks and Big Data (lecture + practical)
 - Principles, technologies & applications of big data
- Software-Defined Networking (lecture)
 - A hot topic on networking



Contact us at net@cs.uni-goettingen.de or visit IFI 3rd floor!