2020 Aug. **Keynote** at Conference on Big Data and Social Computing (online-offline hybrid conference): Cross-Platform Consumer Behavior Analysis of Large-Scale Mobile Shopping Data

May Invited Talk at 8th BMBF CHINAiTV Innovation Network Forum (online conference): IoT, Cloud, Analytics – How Future Smart Cities Might Look Like Through the Corona Crisis?

Mar. Invited Talk at University of Oregon, Eugene, USA: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

2019 Dec. Talk at Göttingen City Council, Göttingen: Internet of Things and Smart Cities in Learning-empowered zero-Touch Networking and Service Provisioning (LANTERN)

Nov. Invited Talk at DFG-NSFC Sino-German Symposium on Integrating Symbolic Representation with Numeric Representation for Commonsense Reasoning, Beijing, China: Predicting Socioeconomic Status from Mobile Big Data

—— Invited Talk at Nanjing University, China: Analysis of Consumer Behavior in Online Shopping Platforms

—— Invited Talk at Fudan University, Shanghai, China: Analysis of Consumer Behavior in Online Shopping Platforms


—— Presentation at IEEE ICNP 2019 MobiArch Workshop, Chicago, USA: Cooperative Connected Autonomous Vehicles (CAV): Research, Applications and Challenges

Aug. Invited Talk at Ranplan Ltd, Cambridge, UK: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

—— Invited Talk at Aston University, Birmingham, UK: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

—— Talk at Birmingham City Council, UK: V2X and Road Safety in Smart Cities

—— **Keynote** Speech at International Conference on Social Computing 2019, Beijing, China: Predicting Socioeconomic Status with Mobile Big Data

July Invited Talk at IEEE ICCCN 2019, Valencia, Spain: Estimating Socioeconomic Status via Temporal-Spatial Mobility Analysis – A Case Study of Smart Card Data

—— Invited Talk at DCHAN Researcher-Alumni-Conference 2019: Renewable Energy and E-Mobility, RWTH Aachen University, Germany: An Introduction to EU H2020 COSAFE Project – Cooperative Connected Intelligent Vehicles for Safe and Efficient Road Transport

June **Keynote** Speech at Nanjing Innovation Week, Nanjing, China: Smart Cities in Europe: Overview, Prospects and Lessons for Development in China


Feb. Invited Talk at Victoria University, Melbourne, Australia: Analysis of Consumer Behavior in Online Shopping Platforms

—— Invited Talk at University of Technology, Sydney, Australia: Analysis of Consumer Behavior in Online Shopping Platforms

—— Invited Talk at University of Queensland, Brisbane, Australia: Analysis of Consumer Behavior in Online Shopping Platforms

Jan. Invited Talk at Manchester Metropolitan University, UK: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

2018 Nov. Invited Talk at Sino-German Forum on Universities of Applied Sciences, Hefei University, China: Analysis on Research in Universities of Applied Sciences in Germany

Sept. Invited Talk at School of Computer Science, Northeastern University, Shenyang, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure
Aug. Invited Talk at Beijing Institute of Technology, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

— Invited Talk at Hohai University, Nanjing, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

— Invited Talk at Nanjing University, Nanjing, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

— Invited Talk at Fudan University, Shanghai, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

— Invited Talk at Central South University, Changsha, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

June Keynote Speech at Conference on Online Behaviors, Beijing, China: On Predicting Socioeconomic Status with Big Data

Mar. Talk at Sino-German Professors’ Forum, Chengdu, China: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

— Invited Talk at Shonan meeting, Shonan Village Center, Japan: Energy-Efficient Information-Centric Networking and Cloud Computing

Feb. Invited Talk at Victoria University, Melbourne, Australia: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

— Invited Talk at University of Technology, Sydney, Australia: Mobile, Cloud, Analytics – Challenges and Opportunities for Data-Driven Infrastructure

Jan. Talk at Workshop on “Kultur, Stadt und Netzwerke - Positionen, Verhältnisse und Herausforderungen für die Netzwerkforschung”, Darmstadt: Triadic Closure in Social Networks

2017 Aug. Talk at DFG-NSFC Sino-German Symposium on Social Computing, Göttingen: Socioeconomic Status Prediction

July Invited Talk at Forum on Future Computing, Shanghai, China: Mobile Edge Cloud Computing

June Invited Talk at Sino-German Forum on Social Computing, School of Business, Renmin University, Beijing, China: Prediction and Dynamics of Triadic Closure in Social Networks

— Invited Talk at School of Information Management, Zhejiang Sci-Tech University, Hangzhou, China: Prediction and Dynamics of Triadic Closure in Social Networks

— Keynote Speech at HotICN 2017, Shenzhen, China: Content-oriented Notification Service for Managing Disasters

— Presentation at INSNA Sunbelt 2017, Beijing, China: Socioeconomic Status Prediction Using Smart Card Data

— Invited Talk at Institute of Computer Science, Peking University, China: The Life Cycle of One Triad: An Alternative Perspective from Weibo

— Presentation at IEEE ICC 2017 TCSN meeting, Paris, France: A Social Big Data Initiative

Apr. Presentation at WWW 2017 BigScholar Workshop, Perth, Australia: Building and Analyzing a Global Co-Authorship Network Using Google Scholar Data

Mar. Invited Talk at School of Information Management, Jiangxi University of Finance and Economics, Nanchang, China: Prediction and Dynamics of Triadic Closure in Social Networks

Feb. Poster Presentation at EWSN 2017, Uppsala, Sweden: MULMOD — MULtiMODal Sustainable Mobility for Smart Cities in China and Germany in

2016 Dec. Talk at Workshop on Interdisciplinary Social Network Research, Darmstadt, Germany: Predicting Socioeconomic Status Using Mobile Data

June Tutorial at EU CleanSky ITN Summer School, Helsinki, Finland: How to Write Research Project Proposals?

— Keynote Speech at ACM MobiHoc 2016 HotPOST Workshop, Paderborn, Germany: Social Network Structure and Dynamics: A Microscopic Analysis
May  Talk at Sino-German Forum on Social Computing, Nanjing University, Nanjing, China: Triadic Closure in Social Networks


2015 Dec.  Invited Talk at School of Business, Renmin University, Beijing, China: Triadic Closure in Social Networks

— Invited Talk at Baidu Ltd, Beijing, China: Networking Research at Computer Networks Group, University of Göttingen

— Invited Talk at China Telecom Cloud Computing Co. Ltd, Beijing, China: Research at Computer Networks Group, University of Göttingen

— Invited Talk at Nankai University, China: Mining and Prediction of Triadic Closure Patterns

— Invited Talk at Tianjin University, China: Mobile Edge Computing: Challenges and Opportunities from a Cooperative Communication and Computation Perspective

— Invited Talk at Tsinghua University Shenzhen Graduate School, China: ICN for SDN Management

— Invited Talk at City University of Hong Kong, China: ICN for SDN Management

— Invited Talk at Department of Computer Science, Chinese University of Hong Kong, China: Mining and Prediction of Triadic Closure Patterns

Nov.  Invited Talk at Department of Computing, Polytechnic of Hong Kong, China: Mobile and Edge Computing

— Invited Talk at Department of Computer Science, Nanjing University, China: Triadic Closure in Social Networks

Sept.  Plenary Talk at MobileCloud Workshop, BUPT, China: Mobile Cloud Computing

— Tutorial at EU CleanSky ITN Summer School, Göttingen: The Art of Communications

Aug.  IEEE ComSoc Distinguished Lecture, Department of Information Technology, Uppsala University, Sweden: Triadic Closure in Social Networks

— IEEE ComSoc Distinguished Lecture, Department of Computer Science, Mid Sweden University, Sweden: Triadic Closure in Social Networks

— IEEE ComSoc Distinguished Lecture, Department of Computer Science, Lulea University of Technology, Sweden: ICN for SDN Management

— IEEE ComSoc Distinguished Lecture, Department of Computer Science, Stockholm University, Sweden: ICN for SDN Management

July  One-week TGI course at Dublin City University, Ireland: Software-Defined Networking

— Talk at Workshop on Future Internet & Cloud Computing, Göttingen: SDN-enabled Clouds

— Talk at Workshop on Social Computing, Göttingen: Triadic Closure Prediction and Dynamics in Social Networks

Apr.  Keynote Speech at IEEE INFOCOM Global Internet Symposium, Hong Kong, China: Content Distribution: from Client/Server to Content-Oriented Publish/Subscribe System

Feb.  Invited Talk at Department of Computing, Polytechnic of Hong Kong, China: ICN for SDN Management

— Invited Talk at School of Information Science, Ji’nan University, Guangzhou, China: Triadic Closure in Social Networks

— Invited Talk at School of Supercomputing, Sun Yat-sen University, Guangzhou, China: Triadic Closure in Social Networks

Oct.  Invited Talk at Department of Computer Science, University of Kentucky, USA: *SOUP: An Online Social Network By The People, For The People*


—— Invited talk at School of Computer Science, Beihang University, Beijing China: *Fine-Grained Multi-Resource Scheduling in Cloud Datacenters*

—— Invited talk at School of Computer Science, Huazhong University of Science and Technology, Wuhan, China: *Fine-Grained Multi-Resource Scheduling in Cloud Datacenters*

July  Talk at Nanjing-Göttingen Workshop on Social Computing, Göttingen: *HappyLife: an ICT system for large-scale sentimental mining, conciliation and happiness spreading*

—— Invited talk at Dagstuhl Seminar on ICN, Dagstuhl, Germany: *An Overview of EU-Japan GreenICN Project*

June Invited talk at Interdisziplinäre Tagung – Dynamiken räumlicher Netzwerkstrukturen: Theorien und Anwendungen geographischer und soziologischer Netzwerkforschung, Darmstadt: *Mining Triadic Closure Patterns in Social Networks*

May Invited talk at Department of Computer Science, Tsinghua University, Beijing, China: *Content Distribution: from Client/Server to Content-Oriented Publish/Subscribe System*

—— IEEE ComSoc Distinguished Lecture, BUPT, Beijing, China: *Scaling microblogging services with divergent traffic demands*

—— IEEE ComSoc Distinguished Lecture, Institute of Computing Technology – Chinese Academy of Science, Beijing, China: *Scaling microblogging services with divergent traffic demands*

—— IEEE ComSoc Distinguished Lecture, Shanghai Jiao Tong University, Shanghai China: *Scaling microblogging services with divergent traffic demands*

—— Invited talk at Fudan University, Shanghai, China: *Fine-Grained Multi-Resource Scheduling in Cloud Datacenters*

—— Invited talk at Nanjing University, Nanjing, China: *Fine-Grained Multi-Resource Scheduling in Cloud Datacenters*

Apr.  Invited talk at WebMonday, Göttingen Centre for Digital Humanities, Göttingen: *(Mobile) Cloud Computing and Its Potential Use for Digital Humanities*

Mar.  Invited talk at Uppsala University, Sweden: *Scaling online social network crawling and microblogging systems*

—— Invited talk at KTH – Royal Institute of Technology, Sweden: *Content Distribution: from Client/Server to Content-Oriented Publish/Subscribe System*

—— Invited talk at Swedish Institute of Computer Science (SICS), Sweden: *Content Distribution: from Client/Server to Content-Oriented Publish/Subscribe System*

2013 Aug.  Invited speech at Forum on Future Computing, Shanghai, China: *Transparent Mobile Cloud Computing*

July  Presentation at Future Network & Mobile Summit 2013, Lisbon, Portugal: *Cloud-based Computation Offloading for Mobile Devices: State of the Art, Challenges and Opportunities*

Mar.  Invited talk at Bell Labs, Stuttgart, Germany: *Content Distribution: from Client/Server to Content-Oriented Publish/Subscribe System*

2012 Dec.  **Keynote** Speech at Future Network Development and Innovation Forum, Nanjing, China: *Content Distribution: From Client/Service Model to Content-Oriented Pub/Sub System*

Aug.  Colloquium at Northeastern University, Shenyang, China: *Scaling Microblogging Services with Divergent Traffic Demands*

—— Panelist at IEEE ICCC 2012, Beijing, China: panel *Future Research Directions on Communications Technologies*

—— Invited speech at Forum on Future Computing, Shenyang, China: *Mobile Cloud Computing*
July  **Keynote** Speech at 8th Conference on Social Network and Guanxi Research, Beijing, China: *The Role of Computer Science in Social Networks Research: Use Cases*

— Tutorial at “Frontiers of Journalism & Communication” Summer School at Renmin University of China: *The Role of Computing in Social Network Research: Case Studies*

May **Keynote** Speech at IFIP Networking 2012, Prague, Czech Republic: *Content Distribution: from Client/Server to Content-Oriented Publish/Subscribe System*

— Presentation at Praxis der Netzwerkforschung 2012 (PdN 2012), Frankfurt, Germany: *Exploring Regional and Global Population Growth in Online Social Networks*

Apr. Colloquium at Fudan University, Shanghai, China: *Scaling Microblogging Services with Divergent Traffic Demands*

— Colloquium at Tsinghua University, China: *Scaling Microblogging Services with Divergent Traffic Demands*

2011 Nov. Colloquium at University of Victoria, Canada: *Cuckoo: Scaling Microblogging Services with Divergent Traffic Demands*

Oct. Colloquium at Virje University of Brussels, Belgium: *Cuckoo: Scaling Microblogging Services with Divergent Traffic Demands*

— Colloquium at University of Massachusetts, Lowell, MA: *Cuckoo: Scaling Microblogging Services with Divergent Traffic Demands*


July Tutorial at Journalism and Communication Frontiers Graduate Summer School, Renmin University of China, Beijing, China: *Social Computing: Principles, Concepts and Case Studies*

Apr. Colloquium at Dept of Computer Science, Nanjing University, Nanjing, China: *NF-TCP: A Network Friendly TCP Variant for Background Delay-Insensitive Applications*

— Colloquium at School of Computer Science, Tianjin University, Tianjin, China: *NF-TCP: A Network Friendly TCP Variant for Background Delay-Insensitive Applications*

2010 Nov. Colloquium at Institute for Telematics, Karlsruhe Institute of Technology, Germany: *NF-TCP: A Network Friendly TCP Variant for Background Delay-Insensitive Applications*

— Panelist, IEEE Computer Communications Workshop, Lake Arrowhead, CA, USA: panel *Social Networks*

— Tsinghua University National Lab for Information Science and Technology Colloquium No. 60, Beijing: *NF-TCP: A Network Friendly TCP Variant for Background Delay-Insensitive Applications*

— ACM MobiCom&MobiHoc Outrageous Ideas Session: *BigFaceBoak: Dynamics of Social Network Evolution*

Aug. EuroView 2010 Workshop, Würzburg, Germany: *Improving Prediction Accuracy of Matrix Factorization Based Network Coordinate Systems*

— DFG-NSFC Sino-German Workshop on Internet of Things, Shanghai, China: *Cuckoo: Towards Decentralized, Socio-Aware Online Microblogging Services*

July Workshop on Empowering Empirical Social Networks and Epidemics Studies through ICT, Göttingen: *An ICT Researcher’s View on Social Networks and Epidemics Research*

June **Keynote** Speech at IEEE WOCC 2010, Shanghai, China: *Design Issues in P2P Systems*

— EU FET Flagship Workshop, Brussels, Belgium: *Understanding and Exploring the Fundamentals and Applications of Evolutionary Social Behaviors and Interactions Through ICT-Based Extra-Scale Privacy-Preserving Real-World Experimentations*

Apr. Invited talk at Dublin City University, Ireland, *Some Design Issues in P2P Systems*

2009 Dec. Invited talk at UCLA Network Research Lab, *Edge-to-edge overlay and aggregated congestion control*
— Invited talk at UCLA Computer Science Dept, *Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks*

Nov. Invited talk at USC/ISI: *Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks*
—— Invited talk at UCSB Computer Science Dept: *Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks*


Sept. ACM MOBICOM MICNET 2009 Workshop: Panelist *Challenges for Mobile Internet Research: New Space or Old Resell?*
—— Invited talk at Peking University, China: *Mobile Computing: Challenges and Opportunities*
—— Invited talk at Tsinghua University, China: *Mobile Computing: Challenges and Opportunities*

July IETF 75th meeting DIME WG session, Stockholm, Sweden: *Diameter WebAuth: Diameter Application for Authentication and Authorization in Web Applications*

June IEEE International Workshop on the Network of the Future, Dresden, Germany: *TORI: User Provided Future Networking Testbeds*
—— IEEE International Conference on Communications, Dresden, Germany: *TCCC – Technical Committee on Computer Communications Updates*
—— Panel chair at ACM MobiSys 2009 MobiArch Workshop, Krakow, Poland: *The Fit of Cloud Computing and Mobility*

May Colloquium at Computer Science Dept, RWTH Aachen University, Germany: *Challenges and Lessons Learned from Building Extensible Signaling Services for the Future Internet*

Mar. Panelist at KiVS 2009, Kassel: *IETF Standardization*
—— Invited talk at University of Tübingen, Germany: *Challenges and Lessons Learned from Building Extensible Signaling Services for the Future Mobile Internet*
—— Invited talk at University of Helsinki, Finland: *Challenges and Lessons Learned from Building Extensible Signaling Services for the Future Mobile Internet*
—— Invited talk at Helsinki University of Technology, Finland: *Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks*
—— Invited talk at Fudan University, Shanghai, China: *Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks*

Feb. Invited talk at Hong Kong University: *Fast Rerouting for IP Multicast Traffic in Managed IPTV Networks*
—— Invited talk at Tsinghua University, China: *Edge-to-edge overlay using aggregate congestion control*

Jan. EU FP7 ICT Proposers’ Day, Budapest, Hungary: *A Million People: framework for enabling volunteer-based mobility experiments in metropolitan city using social-mobile applications*
——: *Migrating IPTV with Application Traffic Engineering*
——: *Virtualizing and Maximizing Opportunism with Wireless Mesh Networking*
——: *Sustainable/Green Internetworking: Can we do almost as much, with less?*


Aug. Invited talk at Microsoft Research, Redmond, USA: *Aggregated Congestion Control*

Feb. Invited talk at Deutsche Telekom, Darmstadt, Germany: *Beyond Today’s Internet*

2007 Sep. Invited talk at University College London, UK: *An Edge-to-edge Overlay Architecture*

June Invited talk at Bell Labs, New Jersey, USA: *Aggregated TCP Congestion Control*

Mar. 1st IST OpenNet Workshop, Brussels, Belgium: *ENABLE QoS Services for Large Operational IP Mobility Networks*

2006 Oct. Colloquium at Microsoft Research Asia, Beijing, China: *Edge-to-Edge Overlay for Wireless IP Networks*
— Invited talk at ENABLE Workshop, Shanghai, China: Would Network Layer Multihoming Address Internet Mobility?
July IETF 66th meeting NSIS WG session, Montreal, Canada: GIST State Machine
— ——: General Internet Signaling Transport (GIST) over SCTP
— ——: Mobile IPv6 – NSIS Interaction for Firewall Traversal
— IETF 66th meeting SAM RG session: Dynamic Mesh-based Overlay Multicast Protocol
— Invited talk at InfoLab21, Lancaster University, UK: Extensible IP Signaling: Architecture and Applications
May Tutorial at IFIP Networking 2006, Coimbra, Portugal: Extensible IP Signaling: Architecture, Protocols and Practice
— Colloquium at the Institute of Mathematics and Informatics, University of Groningen, The Netherlands: Towards Building Extensible Internet Signaling Services
— IST MING-T Consortium meeting, Hamburg, Germany (co-organizer): Selected Key Technologies in Mobile-Broadcasting-IP Convergence Networks
2005 Nov. IETF 64th meeting NSIS session, Vancouver, Canada: Design Options of Diagnostics NSLP
— ——: General Internet Signaling Transport (GIST) over SCTP
— ——: A QoS Model for Signaling IntServ Controlled-Load Service with NSIS
— IETF 64th meeting MOBOPTS session: Context Transfer Using GIST
— IFIP PWC 2005, Colmar, France: Enabling Mobile IPv6 in Operational Environments
— IETF 63rd meeting NSIS session, Paris, France: A QoS NSLP implementation with PPS-based traffic control
May IETF NSIS Interim Meeting, Munich, Germany: GIMPS Implementation
— IFIP Networking 2005, Waterloo, Canada: Modeling Soft State Protocols with SDL
Feb. TU Braunschweig Computer Science Colloquium: IP Signaling: Path to Re-engineering the Internet Architecture
2004 Dec. IST ENABLE Consortium Meeting (organizer), Frankfurt, Germany: Enabling Internet Mobility in Operational Environments
Oct. Invited Talk at Fudan University Computer Science Department, Shanghai, China: Towards Next Generation Mobile Networks and Optical Networks
June Siemens ICM, Munich, Germany: Networking Research at the University of Göttingen
2003 Sep. Telecom Italia Lab, Turin, Italy: Mobility Support for Next Generation Signaling Protocols
July IETF 58th meeting NSIS session, Vienna, Austria: Mobility Support in NSIS
— IETF 58th meeting CCAMP session: A Proposal for Generic Traceroute Over Tunnels
Mar. Invited talk at Tsinghua University Networking Lab, Beijing, China: Development of Next Generation Signaling Protocols
— IEEE AINA 2003, Xi’an, China: Towards RSVP Lite: Light-Weight RSVP for Generic Signaling
2002 July IETF 54th meeting NSIS session, Yokohama, Japan: Analysis on RSVP Regarding Multicast
May IFIP Networking 2002, Pisa, Italy: QoS-Conditionalized Handoff in Mobile IPv6