Dr. Alexander Clemm – Bibliography and Professional Activities
September 2016

Books and Edited Volumes


Issued Patents

Standardization


Current Internet Drafts (work-in-progress):
- E. Voit, A. Clemm, S. Mertens: Requirements for Mounting of Local and Remote YANG Subtrees. draft-voit-netconf-peer-mount-requirements-00, March 2016.

Conference and Journal Publications


M. Uddin, R. Stadler, A. Clemm: Scalable Matching and Ranking for Network Search. 9th International Conference on Network and Service Management (CNSM 2013), Zurich, Switzerland, October 2013.


**Invited Talks, Panels, Tutorials**


• **Bridging Network Management and Software-Defined Networking.** Panel, IFIP/IEEE Network Operations and Management Symposium (NOMS), Krakow, Poland, 8 May 2014.


Earlier version also given at: IFIP/IEEE Network Operations and Management Symposium (NOMS), Salvador Bahia, Brazil, April 2008.

• **Programmable Networks – Networking Game Changer or DOA?** Panel, IEEE/IFIP Network Operations and Management Symposium (NOMS), Osaka, Japan, 22 April 2010.


• **Autonomous Systems and Self-Management: Hype or Reality?** Expert panel, IARIA International Conference on Networking and Services (ICNS), Santa Clara, California, 21 July 2006.

• **Management Metrics – How Do We Know that Management Is Working?** Panel, IFIP/IEEE Network Operations and Management Symposium (NOMS), Vancouver, Canada, 6 April 2006.


Also given at First International Conference on E-Business and Telecommunications Networks (ICETE), Setubal, Portugal, 28 August 2004.


• *Is the Internet Ready for Multimedia?* Expert Panel, IFIP/IEEE 2002 Management of Multimedia Networks and Services (MMNS), Santa Barbara, California, 8 October 2002.

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**Adjunct Faculty / Teaching**


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**Conferences – Organizing and Steering Committees, Editorial Boards**

• Member of IEEE/IFIP NOMS and IM Steering Committee (since 2007).

• Member of Editorial Board, *IEEE Transactions on Network and Service Management (TNSM)*, IEEE (2010-2011 and since 2015).


• Technical Program Co-Chair and Member of Organizing Committee, *IEEE Conference on Network Softwarization (IEEE Netsoft)*, Bologna, Italy, July 2017.

• Workshop Program Co-Chair and Member of Organizing Committee, *IFIP/IEEE International Symposium on Integrated Management (IM)*, Lisbon, Portugal, May 2017.

• Panel Program Co-Chair and Member of Organizing Committee, *IFIP/IEEE International Symposium on Integrated Management (IM)*, Ottawa, Canada, May 2015.

• Experience Program Co-Chair and Member of Organizing Committee, *IFIP/IEEE Network Operations and Management Symposium (NOMS)*, Krakow, Poland, May 2014.


• Application Session Program Co-Chair and Member of Organizing Committee, *IFIP/IEEE Network Operations and Management Symposium (NOMS)*, Maui, Hawaii, April 2012.

• General Co-Chair, 2nd *International Workshop on Network Embedded Management and Applications (NEMA)*, technically cosponsored by IEEE and IFIP, Paris, France, October 2011.

• Application Session Program Co-Chair, Member of Organizing Committee, Co-Chair of Cloud Management track, *IFIP/IEEE International Symposium on Integrated Management (IM)*, Dublin, Ireland, May 2011.
• General Co-Chair, 1st International Workshop on Network Embedded Management and Applications (NEMA), technically cosponsored by IEEE and IFIP, Niagara Falls, Canada, October 2010.

• Panel Program Co-Chair and Member of Organizing Committee, IFIP/IEEE Network Operations and Management Symposium (IM), Osaka, Japan, April 2010.

• Keynotes and DEP Co-Chair and Member of Organizing Committee, IFIP/IEEE International Symposium on Integrated Management (IM), New York, New York, June 2009.

• Member of Organizing Committee, IFIP/IEEE Network Operations and Management Symposium (NOMS), Salvador Bahia, Brazil, April 2008.

• General Co-Chair, IEEE Conference on Network and Service Management (CNSM), formerly known as Manweek, Silicon Valley, California, October 2007.

• Co-Chair, IFIP/IEEE Distributed Systems: Operations and Management (DSOM), Silicon Valley, California, October 2007.

• Application Program Co-Chair and Member of Organizing Committee, IFIP/IEEE International Symposium on Integrated Management (IM), Munich, Germany, May 2007.

• Panel Program Co-Chair and Member of Organizing Committee, IFIP/IEEE Network Operations and Management Symposium (NOMS), Vancouver, Canada, April 2006.

• Technical Program Co-Chair and Member of Organizing Committee, IFIP/IEEE 2005 International Symposium on Integrated Management (IM), Nice, France, May 2005.

Conferences – Technical Program Committees

• IFIP/IEEE Network Operations and Management Symposium (NOMS) – since 2000
  o Istanbul, Turkey, April 2016
  o Krakow, Poland, April 2014
  o Maui, Hawaii, April 2012
  o Osaka, Japan, April 2010
  o Salvador Bahia, Brazil, April 2008
  o Vancouver, Canada, April 2006
  o Seoul, Korea, April 2004
  o Florence, Italy, April 2002
  o Honolulu, Hawaii, April 2000

• IFIP/IEEE International Symposium on Integrated Network Management (IM) – since 2001
  o Lisbon, Portugal, May 2017
  o Ottawa, Canada, May 2015
  o Ghent, Belgium, May 2013
  o Dublin, Ireland, May 2011
  o New York, New York, June 2009
  o Munich, Germany, May 2007
  o Nice, France, May 2005
- Colorado Springs, Colorado, March 2003
- Seattle, Washington, May 2001

  - Rostock, Germany, May 2016
  - Luebeck, Germany, June 2015
  - Fulda, Germany, June 2014
  - Erlangen, Germany, June 2013
  - Regensburg, Germany, May 2012
  - Bonn, Germany, May 2011
  - Konstanz, Germany, May 2010
  - Munich, Germany, May 2009
  - Kaiserslautern, Germany, May 2008

- International Conference on Network and Service Management (CNSM), technically cosponsored by IEEE and IFIP – since 2010
  - Montreal, Canada, November 2016
  - Barcelona, Spain, October 2015
  - Rio de Janeiro, Brazil, October 2014
  - Zurich, Switzerland, October 2013
  - Las Vegas, NV, October 2012
  - Paris, France, October 2011
  - Niagara Falls, Canada, October 2010

- IEEE/IFIP International Workshop on Management of the Future Internet (ManFI) – since 2009
  - Istanbul, Turkey, May 2016
  - Ottawa, Canada, May 2015
  - Krakow, Poland, May 2014
  - Ghent, Belgium, May 2013
  - Maui, HI, April 2012
  - Dublin, Ireland, May 2011
  - Osaka, Japan, April 2010
  - New York, NY, June 2009

- IEEE Conference on Network Softwarization (NetSoft) – since 2015
  - Bologna, Italy, July 2017
  - Seoul, Korea, June 2016
  - London, UK, April 2015
  - Lyon, France, September 2012
  - Ann Arbor, MI, September 2011
  - Budapest, Hungary, September 2010
  - San Francisco, CA, September 2009
  - Venice, Italy, October 2008
  - Boston, MA, July 2007
- 8th IEEE International Conference on Collaborative Computing (COLLABCOM), Pittsburgh, PA, October 2012.
- International Workshop on Self-Organizing Systems (IWSOS) – 2008 - 2011
  - Karlsruhe, Germany, February 2011
  - Zurich, Switzerland, December 2009
  - Vienna, Austria, December 2008
- IFIP/IEEE International Workshop on Distributed Systems Operations and Management (DSOM) – 2001-2009 (as of 2010, DSOM has been absorbed into CNSM)
  - Venice, Italy, October 2009
  - Samos, Greece, September 2008
  - San Jose, California, October 2007
  - Dublin, Ireland, October 2006
  - Barcelona, Spain, October 2005
  - Davis, California, November 2004
  - Heidelberg, Germany, October 2003
  - Montreal, Canada, October 2002
  - Nancy, France, October 2001
- IEEE Workshop on IP Operations and Management (IPOM) – 2002-2009 (as of 2010, IPOM has been absorbed into CNSM)
  - Venice, Italy, October 2009
  - Samos, Greece, September 2008
  - San Jose, California, November 2007
  - Dublin, Ireland, October 2006
  - Barcelona, Spain, October 2005
  - Beijing, China, October 2004
  - Kansas City, Missouri, October 2003
  - Dallas, Texas, October 2002
• IFIP/IEEE International Conference on Mobile and Multimedia Networks and Services (MMNS) – 2003-2009 (as of 2010, MMNS has been absorbed into CNSM)
  o Venice, Italy, October 2009
  o Samos, Greece, September 2008
  o San Jose, California, November 2007
  o Dublin, Ireland, October 2006
  o Barcelona, Spain, October 2005
  o San Diego, California, October 2004
  o Belfast, Northern Ireland/UK, September 2003
• Second IEEE Workshop on Autonomic Communications and Network Management (ACNM), Salvador Bahia, Brazil, April 2008.
• IEEE International Conference on Communications (ICC) – 2005-2007
  o Next Generation Mobile Networks Symposium, Istanbul, Turkey, June 2006.
• First IEEE Workshop on Autonomic Communications and Network Management (ACNM), Munich, Germany, May 2007.
• International Conference on Wireless Information Networks and Systems (Winsys) 2006, Setubal, Portugal, August 2006.
• First IEEE Workshop on VoIP Management and Security (VoIP MaSe), Vancouver, Canada, April 2006.
• First International Workshop on Service Assurance with Partial and Intermittent Resources (SAPIR), Fortaleza, Brazil, August 2004.
• IEC Communications Forum at SUPERCOMM’97, New Orleans, Louisiana, June 1997.

Other Professional Activities

• Member, Ph.D. Examination Committee (Defense: Stefan Hommes), University of Luxembourg, Luxembourg, March 2014.
• Member, External Expert Evaluation Panel of INRIA’s Network and Telecommunications Theme, Rungis, France, March 2012.
• Member, Ph.D. Examination Committee (Defense: Alberto Gonzalez), KTH University Stockholm, Sweden, November 2008.
• Member of European Network of Excellence for the Management of Internet Technologies and Complex Services (EMANICS) Advisory Board (European Union-funded Research Network) (2006-2010).


• Member IFIP WG 6.6