

# SKB Research Library - Sven van der Meer

Sven van der Meer

# Table of Contents

Thesis .....	1
Collection .....	1
Proceedings .....	1
in Book .....	4
Articles .....	6
Keynote .....	8
Invited Talk .....	9
2000 .....	9
2010 .....	11
Panel .....	12
Tutorial .....	13
Lecture Notes .....	15
Presentation .....	17
2000 .....	17
2010 .....	18
in Proceedings .....	20
1998/99 .....	20
2000 .....	21
2001 .....	22
2003 .....	23
2004 .....	23
2005 .....	24
2006 .....	26
2007 .....	28
2008 .....	30
2009 .....	32
2010 .....	34
2011 .....	35
2013 .....	36
2014 .....	37
2015 .....	37
2016 .....	38
2017 .....	39
2018 .....	39
Standards / SDO .....	40
Patents .....	41
Project Reports .....	42
FOKUS iPCSS .....	42

FP5 AlbatrOSS.....	43
HEA M-Zones.....	43
Eurescom P1855.....	45
SFI AMCNS.....	45
SFI FAME .....	46
FP7 PRISTINE .....	47
H2020 ARCFIRE.....	48

# Thesis

**Sven van der Meer:** *Dynamic Configuration Management of the Equipment in Distributed Communication Environments*, 1996

- Author: Sven van der Meer
- Diplomarbeit (M.Sc. Thesis), Technical University Berlin (TUB), Berlin, Germany
  - Berlin, Germany, October 6, 1996
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Middleware and Application Management Architecture*, 2002

- Author: Sven van der Meer
- Doktorarbeit (PhD Thesis), Technical University Berlin (TUB), Berlin, Germany
  - Berlin, September 25, 2002
- Links: [DOI](#), [PDF: TU Berlin](#), [PDF: Semantic Scholar](#), [Ernster](#)    skb: [yaml src](#)

# Collection

**Monique Calisti et al.:** *Advanced Autonomic Networking and Communication*, 2008

- Authors: Monique Calisti, Sven van der Meer, John C. Strassner
- Reasons to read: several views on autonomic networking based on European projects and workshops
- Published: part of Whitestein Series in Software Agent Technologies and Autonomic Computing book series (WSSAT)
- Publisher: Birkhäuser, Basel
- Links: [SpringerLink](#)    skb: [yaml src](#)

# Proceedings

**Sven van der Meer et al.:** *Managing Ubiquitous Communications and Services*, 2003

- Editors: Sven van der Meer, Dave Lewis, Dirk Pesch
- Workshop: 1<sup>st</sup> International Workshop on Managing Ubiquitous Communications and Services (MUCS), Waterford, Ireland, 11 December, 2003
  - original name: 1<sup>st</sup> Open M-Zones Workshop
- Host: Waterford Institute of Technology
- Published as: M-Zones deliverable D 234.2
- Publisher: Waterford Institute of Technology, Telecommunication Software & Systems Group
- Links: skb: [yaml src](#)

**Vincent Wade et al.:** *Managing Ubiquitous Communications and Services*, 2004

- Editors: Vincent Wade, Dirk Pesch, Sven van der Meer
- Workshop: 2<sup>nd</sup> International Workshop on Managing Ubiquitous Communications and Services (MUCS), Dublin, Ireland, 13-14 December, 2004
- Host: Trinity College Dublin
- Published as: M-Zones deliverable D 234.4
- Publisher: Trinity College Dublin, Knowledge and Data Engineering Group (KDEG)
- Links: skb: [yaml src](#)

**Radu State et al.:** *Large Scale Management of Distributed Systems*, 2006

- Editors: Radu State, Sven van der Meer, Declan O’Sullivan, Tom Pfeifer
- Workshop: 17<sup>th</sup> IFIP/IEEE International Workshop on Distributed Systems: Operations and Management (DSOM 2006), Dublin, Ireland, October 23-25, 2006
- Published: part of the Lecture Notes in Computer Science book series (LNCS, volume 4269)
- Publisher: Springer
- ISBN: 978-3-540-47659-7
- Links: [DOI](#)    skb: [yaml src](#)

---

**Willie Donnelly** et al.: *Modelling Autonomic Communications Environments*, 2006

- Editors: Willie Donnelly, Radu Popescu-Zeletin, John C. Strassner, Brendan Jennings, Sven van der Meer
- Workshop: First IEEE International Workshop on Modelling Autonomic Communications Environments (MACE), Dublin, Ireland, 25-26 October, 2006
- Published: multicon lecture notes series, No. 2
- Publisher: multicon verlag, Schöneiche bei Berlin
- ISBN: ISBN-13: 978-3-930736-05-8, ISBN-10: 3-930736-05-5
- Links: [Ernster](#), [Web: orig](#), [Web: html](#)    skb: [yaml src](#)

**Sven van der Meer** et al.: *Modelling Autonomic Communications Environments*, 2008

- Editors: Sven van der Meer, Mark Burgess, Spyros Denazis
- Workshop: Third IEEE International Workshop on Modelling Autonomic Communications Environments (MACE), Samos Island, Greece, 25-26 September, 2008
- Published: part of the Lecture Notes in Computer Science book series (LNCS, volume 5276)
- Publisher: Springer
- ISBN: 978-3-540-87354-9
- Links: [DOI](#), [Web: orig](#), [Web: html](#)    skb: [yaml src](#)

**Rob Brennan** et al.: *Modelling Autonomic Communications Environments*, 2010

- Editors: Rob Brennan, Joel J. Fleck II, Sven van der Meer
  - Workshop: 5<sup>th</sup> IEEE International Workshop on Modelling Autonomic Communications Environments (MACE), Niagara Falls, Canada, 28 October, 2010
  - Published: part of the Lecture Notes in Computer Science book series (LNCS, volume 6473)
  - Publisher: Springer
  - ISBN: 978-3-642-16835-2
  - Links: [DOI](#), [Web: orig](#), [Web: html](#)    skb: [yaml src](#)
-

---

**Burkhard Stiller** et al.: *Managing Ubiquitous Communications and Services*, 2011

- Editors: Burkhard Stiller, Rob Brennan, Sven van der Meer, Tom Pfeifer
- Workshop: 8<sup>th</sup> IEEE International Workshop on Managing Ubiquitous Communications and Services (MUCS), Seattle Washington, USA, 21 March, 2011
- Host: IEEE PerCom 2011, March 21, 2011, Seattle, WA, USA
- Published: multicon lecture notes 13
- Publisher: multicon verlag
- ISBN: 978-3-930736-16-4
- Links: [DOI](#), [Ernster](#), [Web: orig](#)    skb: [yaml src](#)

**Nicolas Race** et al.: *Managing Ubiquitous Communications and Services*, 2015

- Editors: Nicolas Race, Christine Julien
- Series Editors: Declan O'Sullivan, Burkhard Stiller, Tom Pfeifer, Dirk Pesch, Sajal Das, Sven van der Meer
- Workshop: 126th6 IEEE International Workshop on Managing Ubiquitous Communications and Services (MUCS), Saint Louis, MO, USA, 23 March, 2015
- Host: IEEE PerCom 2015
- Published: multicon lecture notes 18
- Publisher: multicon verlag
- ISBN: 978-3-930736-22-5
- Links: [DOI](#), [Ernster](#)    skb: [yaml src](#)

**Elana Gaura** et al.: *Managing Ubiquitous Communications and Services*, 2016

- Editors: Elana Gaura, Eryk Dutkiewicz
- Series Editors: Declan O'Sullivan, Burkhard Stiller, Tom Pfeifer, Dirk Pesch, Sajal Das, Sven van der Meer
- Workshop: 13<sup>th</sup> IEEE International Workshop on Managing Ubiquitous Communications and Services (MUCS), Sydney, Australia, 18 March, 2016
- Host: IEEE PerCom 2016
- Links: [PDF](#), [Ernster](#)    skb: [yaml src](#)

**in Book**

**Sven van der Meer** et al.: *Technology Neutral Principles and Concepts for Autonomic Networking*, 2008

- Authors: Sven van der Meer, Joel J. Fleck II, Martin Huddleston, Dave Raymer, John C. Strassner, Willie Donnelly
- Reasons to read: introduction to large-scale experimentation with RINA, the H2020 project ARCFIRE
- Published: pp 1-25 In: Monique Calisti, Sven van der Meer, John Strassner (eds) *Advanced Autonomic Networking and Communication*, Whitestein Series in Software Agent Technologies and Autonomic Computing book series (WSSAT)
- Publisher: Birkhäuser, Basel
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Claire Fahy** et al.: *Modelling Behaviour and Distribution for the Management of Next Generation Networks*, 2008

- Authors: Claire Fahy, Miguel Ponce de Leon, Sven van der Meer, Ricardo Marin, J. Vivero, Joan Serrat, Nektarios Georgalas, Philipp Leitner, Sandra Collins, B. Baesjou
- Reasons to read: introduction to large-scale experimentation with RINA, the H2020 project ARCFIRE
- Published: pp 43-62 In: Monique Calisti, Sven van der Meer, John Strassner (eds) *Advanced Autonomic Networking and Communication*, Whitestein Series in Software Agent Technologies and Autonomic Computing book series (WSSAT)
- Publisher: Birkhäuser, Basel
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Brendan Jennings** et al.: *Autonomic Network Management Principles: From Concepts to Applications*, 2010

- Authors: Brendan Jennings, Kevin Chekov Feeney, Rob Brennan, Sasitharan Balasubramaniam, Dmitri Botvich, Sven van der Meer
- Published: chapter 5, pp 101-118 In: Nazim Agoulmine, *Autonomic Network Management Principles: From Concepts to Applications*, Academic Press, Inc. Orlando, FL, USA
- Links: [Publisher](#), [ResearchGate](#), [TCD](#)    skb: [yaml src](#)



---

**Sven van der Meer** et al.: *Recursive InterNetwork Architecture (ARCFIRE, Large-scale benchmark on FIRE)*, 2016

- Authors: Sven van der Meer, Eduard Grasa, Leonardo Bergesio, Miquel Tarzan, Diego Lopez, Dimitri Staessens, Sander Vrijders, Vincenzo Maffione, John Day
- Reasons to read: introduction to large-scale experimentation with RINA, the H2020 project ARCFIRE
- Published: chapter 19, pp 575-585 In: Serrano, Martín Jamie, Nikolaos Isaris, Hans Schaffers, John Domingue, Michael Boniface, Thanasis Korakis (eds) *Building the Future Internet through FIRE*, Lecture Notes in Computer Science, vol 60. Springer, Berlin, Heidelberg
- Publisher: as Open Access by River Publishers, Delft, The Netherlands
- Links: [DOI](#), [Publisher](#), [PDF](#)    skb: [yaml src](#)

## Articles

**Stefan Arbanowski** et al.: *The Human Communication Space: Towards I-centric Communications*, 2001

- Authors: Stefan Arbanowski, Sven van der Meer, Stephan Steglich, Radu Popescu-Zeletin
- Published: Personal and Ubiquitous Computing (PUC), February 2001, Volume 5, Issue 1, pp 34–37
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Stefan Arbanowski** et al.: *I-centric Communications*, 2001

- Authors: Stefan Arbanowski, Sven van der Meer, Stephan Steglich, Radu Popescu-Zeletin
- Published: Informatik Forschung und Entwicklung (IFE), November 2001, Volume 16, Issue 4, pp 225–232
- Links: [DOI](#)    skb: [yaml src](#)

**Sven van der Meer**: *Research - a personal perspective*, 2004

- Author: Sven van der Meer
  - Published: Research Matters, Issue I, Number I, WIT, Waterford, Ireland, 2004
  - Links: [Research Matters](#)    skb: [yaml src](#)
-

---

**Brendan Jennings** et al.: *Towards Autonomic Management of Communications Networks*, 2007

- Authors: Brendan Jennings, Sven van der Meer, Sasitharan Balasubramaniam, Dmitri Botvich, Mícheál Ó Foghlú, Willie Donnelly, John C. Strassner
- Published: IEEE Communications Magazine (Volume: 45, Issue: 10, October 2007)
- Links: [DOI](#)    skb: [yaml src](#)

---

**John C. Strassner** et al.: *The Design of a New Policy Model to Support Ontology-Driven Reasoning for Autonomic Networking*, 2009

- Authors: John C. Strassner, José Neuman de Souza, Sven van der Meer, Steven Davy, Keara Barrett, Dave Raymer, Srini Samudrala
- Published: Journal of Network and Systems Management (JNSM), June 2009, Volume 17, Issue 1–2, pp 5–32
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**John C. Strassner** et al.: *The Use of Context-Aware Policies and Ontologies to Facilitate Business-Aware Network Management*, 2009

- Authors: John C. Strassner, Sven van der Meer, Declan O’Sullivan, Simon Dobson
- Published: Journal of Network and Systems Management (JNSM), September 2009, Volume 17, Issue 3, pp 255–284
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Declan O’Sullivan** et al.: *The Use of Context-Aware Policies and Ontologies to Facilitate Business-Aware Network Management*, 2009

- Authors: Declan O’Sullivan, John C. Strassner, Sven van der Meer
- Published: Journal of Network and Systems Management (JNSM), September 2009, Volume 17, Issue 3, pp 231–233
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Rob Brennan** et al.: *Multidomain IT Architectures for Next-Generation Communications Service Providers*, 2010

- Authors: Rob Brennan, Kevin Chekov Feeney, John Keeney, Declan O’Sullivan, Joel J. Fleck II, Simon Foley, Sven van der Meer
  - Reasons to read: inter-domain relationships and policy translation
  - Published: IEEE Communications Magazine (Volume: 48, Issue: 8, August 2010)
  - Links: [DOI](#), [ResearchGate](#), [PDF: TCD](#)    skb: [yaml src](#), [Biblatex](#)
-

---

**Martín Jamie Serrano** et al.: *Federated Reference Model Architecture: An Autonomic Approach for Service Management*, 2010

- Authors: Martín Jamie Serrano, Sven van der Meer, Viliam Holub, John Murphy, John C. Strassner
- Published: Systemics and Informatics World Network, Vol. 11, August 2010, pp. 137-150
- Links: [SIWN](#)    skb: [yaml src](#)

---

**Faisal Zaman** et al.: *A Recommender System Architecture for Predictive Telecom Network Management*, 2015

- Authors: Faisal Zaman, Gabriel Hogan, Sven van der Meer, John Keeney, Sebastian Robitzsch, Gabriel-Miro Muntean
- Published: IEEE Communications Magazine (Volume: 53, Issue: 1, January 2015)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer** et al.: *SDN Architectural Limitations: Towards a Full Software Network Vision*, 2016

- Authors: Sven van der Meer, Eduard Grasa
- Published: IEEE Softwarization, May 2016
- Links: [Article](#)    skb: [yaml src](#)

---

**Sebastian Robitzsch** et al.: *Magnet: Real-Time Trace Stream Analytics Framework for 5G Operations Support Systems*, 2017

- Authors: Sebastian Robitzsch, Faisal Zaman, Sven van der Meer, John Keeney, Gabriel-Miro Muntean
- Published: IEEE Network (Volume: 31, Issue: 5, 2017)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## Keynote

**Sven van der Meer**: *Big Data, Cloud, HetNets, SDN ... all problems solved - And your lunch served, right?*, 2012

- Presenter: Sven van der Meer
  - Keynote: 4<sup>th</sup> International Conference on Mobile Networks and Management, MONAMI 2012, Hamburg, Germany, September 23-26, 2012
  - Links: [Conference](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**Sven van der Meer:** *What do we actually manage in 5G? - And what is missing?*, 2018

- Presenter: Sven van der Meer
- Keynote: 2018 IEEE/IFIP Network Operations and Management Symposium (NOMS 2018), Taipei, Taiwan, April 23-27, 2018
- Links: [Event](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer:** *The what, where, and how of 5G Management*, 2018

- Presenter: Sven van der Meer
- Keynote: Third IFIP/IEEE International Workshop on Management of 5G Networks (5GMan 2018), Taipei, Taiwan, April 27, 2018
- Links: [Event](#), [ResearchGate](#)    skb: [yaml src](#)

## Invited Talk

### 2000

**Stefan Arbanowski:** *Unified Messaging: How to integrate different Services*, 2000

- Presenter: Stefan Arbanowski
- Authors: Stefan Arbanowski, Sven van der Meer
- Invited Talk: DATACOM Akademie, Berlin, Germany, October 16-17, 2000
- Links: skb: [yaml src](#)

**Ray Carroll:** *A Framework for Personal Information Management in Ubiquitous Computing*, 2004

- Presenter: Ray Carroll
- Authors: Ray Carroll, Willie Donnelly, Sven van der Meer
- Invited Talk: National Symposium of The Irish Research Council for Science, Engineering and Technology (IRCSET 2004), Dublin, Ireland, November 2, 2004
- Links: skb: [yaml src](#)

**NGOSS Contracts (TMF053B) - Contract Architectural Specifications**, 2006

- Presenters: Joel J. Fleck II, Sven van der Meer
  - Invited Talk: Team Action Week America 2006, Boston, MA, United States, July 16-20, 2006
  - Links: skb: [yaml src](#)
-

---

*NGOSS Contract Fingerprints - A Tool for Identifying and Facilitating Re-Use of NGOSS Contracts, 2006*

- Presenters: Joel J. Fleck II, Sven van der Meer, Martin Huddleston
- Invited Talk: TeleManagement World Americas 2006, Dallas, TX, United States, December 4-7, 2006
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Management of Smart Spaces, 2004*

- Presenter: Sven van der Meer
- Invited Talk: Euronetlab Seminar, Paris, France, May 5, 2004
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Modelling Autonomic Network Management, 2006*

- Presenter: Sven van der Meer
- Invited Talk: Meeting of the Autonomic Communications Forum (ACF), Paris, France, September 28, 2006
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Architecture Expert's Group (AEG), 2008*

- Presenter: Sven van der Meer
- Invited Talk: Meeting of the Autonomic Communications Forum, Barcelona, Spain, May 12, 2008
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Architectural Artefacts for Distributed Systems - Using Contracts as the Unit of Interoperability, 2008*

- Presenter: Sven van der Meer
- Invited Talk: Meeting of the Autonomic Communications Forum, Samos Island, Greece, September 24, 2008
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *SFI SRC FAME - Overview and Scenarios, 2009*

- Presenter: Sven van der Meer
- Invited Talk: HP Virtual Workshop, April 27, 2009
- Links: skb: [yaml src](#)

# 2010

**Liam Fallon:** *State, Context, Adaptability, and Scale for Self-Learning Closed Loop Policies*, 2017

- Presenter: Liam Fallon
- Authors: Liam Fallon, Sven van der Meer, John Keeney
- Invited Talk: ONAP Beijing Release Developer Forum, Santa Clara, CA, USA, December 11-13, 2017
- Links: [Event](#), [PDF](#)    skb: [yaml src](#)

*Interactive Session providing Demonstrations of Tools and Prototypes for modeling and managing Federations*, 2011

- Presenters: Joel J. Fleck II, Kevin Chekov Feeney, Sven van der Meer
- Invited Talk: 1st IFIP/IEEE Workshop on Managing Federations and Cooperative Management (ManFed 2011), May 23, 2011
  - tools and demo session
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Building a DEN-ng Policy Infrastructure*, 2010

- Presenter: Sven van der Meer
- Invited Talk: FAME Industrial Day, Dublin, Ireland, April 29, 2010
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Building a DEN-ng Autonomic Management System - How do they do it?*, 2010

- Presenter: Sven van der Meer
- Invited Talk: WCU Seminar, POSTECH, Pohang, Korea, June 14, 2010
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Building a Policy Management Infrastructure for the Future internet - an Example*, 2011

- Presenter: Sven van der Meer
- Invited Talk: Third IEEE/IFIP International Workshop on Management of the Future Internet (ManFI 2011)
- Links: [Conference](#)    skb: [yaml src](#)

---

**Sven van der Meer:** *Management of Ubiquitous Communication Services - Any progress yet?*, 2011

- Presenter: Sven van der Meer
- Invited Talk: 8<sup>th</sup> International Workshop on Managing Ubiquitous Communications and Services (MUCS 2011)
  - run as an "interrupted session"
- Links: [Conference](#)    skb: [yaml src](#)

**Sven van der Meer:** *Building a DEN-ng Autonomic Management System - How do they do it?*, 2011

- Presenter: Sven van der Meer
- Invited Talk: iMinds / University of Gent, Ghent, Belgium, May 18, 2011
- Links: skb: [yaml src](#)

**Sven van der Meer:** *5G & Autonomic Networking - Challenges in closing the Loop*, 2015

- Presenter: Sven van der Meer
- Invited Talk: First IEEE International 5G Summit, Princeton University, New Jersey, NJ, USA, May 26, 2015
- Links: [Main](#), [Event](#), [PDF: Slides](#), [IEEE TV Recording](#), [ResearchGate](#)    skb: [yaml src](#)

## Panel

**Vincent Wade** (chair): *Can Ubiquitous Computing Environments be Trusted to Self-Managed?*, 2004

- Panelists: John C. Strassner, Sven van der Meer
- Panel: 2nd International Workshop on Management of Ubiquitous Communications and Services (MUCS 2004), December 12-13, 2004
- Links: skb: [yaml src](#)

**Petre Dini** (chair): *Research Challenges in Network Management*, 2006

- Panelists: Olivier Festor, Sven van der Meer, Yacine Ghamri-Doudane, Lisandro Zambenedetti Granville, Jorge E. López de Vergara
- Panel: 17<sup>th</sup> IFIP/IEEE International Workshop on Distributed Systems: Operations and Management (DSOM 2006), October 23-25, 2006
- My topic: *Policy and Profile: Enabling Self-knowledge for Autonomic Systems*
- Links: skb: [yaml src](#)

---

**Yacine Ghamri-Doudane** (chair): *Seamless Service Mobility Challenges and Solutions*, 2007

- Panelists: Yacine Ghamri-Doudane, Yann Gasté, Sven van der Meer, John C. Strassner
- Panel: 2007 First International Global Information Infrastructure Symposium, GIIS, Marrakech, Morocco
  - in workshop: 1st Alcatel-Lucent/Université d'Evry/Telenor Seamless Service MObility (SSMO) Workshop, July 2, 2007
- My topic: *A Discussion on Policy-based Management using Context Mobility in Ad-Hoc Networking*
- Links: skb: [yaml src](#)

**Rolf Stadler** (chair): *Management of Big Data --- Big Data for Management*, 2013

- Panelists: Vasanth Bala, Marcus Brunner, Alex Clemm, Sven van der Meer
- Panel: 2013 IFIP/IEEE Symposium on Integrated Network and Service Management (IM), IM 2013
  - Chair: Rolf Stadler (KTH, Sweden)
  - Panelists: Vasanth Bala (IBM Research, USA), Marcus Brunner (Swisscom, Switzerland), Alex Clemm (Cisco Systems, USA), Sven van der Meer (Ericsson NM Lab, Ireland)
- Links: skb: [yaml src](#)

**Imen Grida ben Yahia** (chair): *On the Management of 5G Networks: New Challenges or Same Old Story?*, 2015

- Panelists: Nikos Anerousis, Alberto Leon-Garcia, Sven van der Meer
- Panel: 2015 IFIP/IEEE Symposium on Integrated Network and Service Management (IM 2015), Ottawa, Canada, May 14, 2015
  - Chair: Imen Grida ben Yahia (Orange, France)
  - Panelists: Nikos Anerousis (IBM, USA), Alberto Leon-Garcia (University of Toronto, Canada), Sven van der Meer (Ericsson, Ireland)
- Links: [Conference](#)    skb: [yaml src](#)

## Tutorial

*Management of Broadband Networks I*, 1998

- Presenters: Stefan Covaci, Ingo Busse, Sven van der Meer
  - Tutorial: NEC Europe Ltd., C&C Research Laboratory, Berlin, Germany, October 15-16, 1998
  - Links: skb: [yaml src](#)
-



---

### *Management of Broadband Networks II, 1999*

- Presenters: Stefan Covaci, Ingo Busse, Sven van der Meer, Stefan Arbanowski
- Tutorial: NEC Europe Ltd., C&C Research Laboratory, Berlin, Germany, May 27-28, 1999
- Links: skb: [yaml](#) [src](#)

### *Management of Autonomous Decentralized Systems, 1999*

- Presenters: Sven van der Meer, Stefan Arbanowski
- Tutorial: Fourth International Symposium on Autonomous Decentralized Systems (ISADS), "Integration of Heterogeneous Systems", Tokyo, Japan, Mar 21-23, 1999
- Links: skb: [yaml](#) [src](#)

### *NGOSS Architecture (TMF053) - DIOA Specifications, 2006*

- Presenters: Joel J. Fleck II, Sven van der Meer
- Tutorial: Team Action Week, January 26, 2006
- Part of: Team Action Week Europe 2006, Lisbon, Portugal January 26 - February 3, 2006
- Links: skb: [yaml](#) [src](#)

### *NGOSS Contracts (TMF053B) - LifeCycle and Fingerprint Specifications, 2006*

- Presenters: Joel J. Fleck II, Sven van der Meer
- Tutorial: TM Forum LifeCycle & Methodology Team Meeting, Waterford, Ireland, March 21-24, 2006
- Links: skb: [yaml](#) [src](#)

### *Flexible Media and Content Adaptation for Communication Systems, 2000*

- Presenters: Sven van der Meer, Stefan Arbanowski
- Tutorial: 5<sup>th</sup> IEEE Conference on Protocols for Multimedia Systems (PROMS 2000), Cracow, Poland, October 22-25, 2000
- Links: skb: [yaml](#) [src](#)

### **Sven van der Meer:** *I-centric Communications, 2001*

- Presenter: Sven van der Meer
- Authors: Sven van der Meer, Stephan Steglich, Stefan Arbanowski
- Tutorial: 8<sup>th</sup> IEEE International Conference on Telecommunications (ICT 2001), Bucharest, Romania, June 4-7, 2001
- Links: skb: [yaml](#) [src](#)

---

**Sven van der Meer:** *Introduction to DEN-ng for SFI SRC FAME*, 2009

- Presenter: Sven van der Meer
- Authors: John C. Strassner, Sven van der Meer
- Tutorial: FAME Architecture Workshop 1, Dublin, Ireland, May 26, 2009
- Links: skb: [yaml src](#)

---

*Taming Policy Complexity: From Theory to Execution*, 2018

- Presenters: Balaji Ethirajulu, Stephen Terrill, Sven van der Meer, Liam Fallon
- Ericsson Tutorial, March 27, 2018
- Part of: Linux Foundation Open Networking Summit North America 2018 (ONS), Los Angeles, CA, USA, March 26-29, 2018
  - Balaji Ethirajulu: *Welcome and a Glance in to Future Networks*, [Session](#) [PDF](#)
  - Stephen Terrill: *5G as an Innovation Platform, Use Cases, Technology Enablers and Implications*, [Session](#) [PDF](#)
  - Sven van der Meer: *Policy 2.0 - Using Theory and Design Patterns to Design and Build Immutable Policy Infrastructure for Automation*, [Session](#) [PDF](#)
  - Liam Fallon: *Demonstration of Adaptive Policy*, [Session](#)
- Links: [Event](#)    skb: [yaml src](#)

---

**Sven van der Meer:** *Policy 2.0 - Using Theory and Design Patterns to design and build immutable Policy Infrastructure for Automation*, 2018

- Presenter: Sven van der Meer
- Ericsson Tutorial, Part II, March 27, 2018
- Part of: Linux Foundation Open Networking Summit North America 2018 (ONS), Los Angeles, CA, USA, March 26-29, 2018
- Links: [Event](#), [PDF](#)    skb: [yaml src](#), [BiBTeX](#), [Biblatex](#)

## Lecture Notes

---

*Breitbandnetzwerktechnologien*, 1998

- Presenters: Sven van der Meer, Stefan Arbanowski
- Lecture: Sommersemester 1998 (SS98), Technical University Berlin
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Management von Telekommunikationsdiensten*, 1998

- Presenter: Sven van der Meer
- Lecture: Sommersemester 1998 (SS98), Technical University Berlin
  - also known as: Management von verteilten Systemen (MvS)
- Links: skb: [yaml src](#)

*Breitbandnetzwerktechnologien*, 1999

- Presenters: Sven van der Meer, Stefan Arbanowski
- Lecture: Sommersemester 1999 (SS99), Technical University Berlin
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Management von Telekommunikationsdiensten*, 1999

- Presenter: Sven van der Meer
- Lecture: Sommersemester 1999 (SS99), Technical University Berlin
  - also known as: Management von verteilten Systemen (MvS)
- Links: skb: [yaml src](#)

*Mobile Communications & Ubiquitous Computing*, 199

- Presenters: Stefan Arbanowski, Sven van der Meer, Thomas Magedanz, Lars Hagen, Dirk Elias
- Lecture: Sommersemester 1999 (SS99), Technical University Berlin
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Management von verteilten Systemen*, 2000

- Presenter: Sven van der Meer
- Lecture: Sommersemester 2000 (SS00), Technical University Berlin
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Management von verteilten Systemen*, 2001

- Presenter: Sven van der Meer
- Lecture: Sommersemester 2001 (SS01), Technical University Berlin
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Management von verteilten Systemen*, 2002

- Presenter: Sven van der Meer
- Lecture: Sommersemester 2002 (SS02). Technical University Berlin
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Communications Management*, 2006

- Presenter: Sven van der Meer
- Lecture: Module Communications Management, MSc in Computing, WIT, 2005/06 (January - May 2006)
  - with guest talks by Joel Fleck II (HP) and John Strassner (Motorola)
- Links: skb: [yaml src](#)

# Presentation

## 2000

**Sven van der Meer:** *DIY Guide to Presentations*, 2006

- Presenter: Sven van der Meer
- Presentation: TSSG Research Modules, Waterford, Ireland, July 10, 2006
- Links: skb: [yaml src](#)

**Sven van der Meer:** *The Area formerly known as Network Management*, 2007

- Presenter: Sven van der Meer
- Presentation: TSSG Basic Research Day, WIT, Waterford, Ireland, November 21, 2007
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Publications - A rough Introduction to the Publication Process*, 2007

- Presenter: Sven van der Meer
  - Presentation: TSSG Research Modules, Waterford, Ireland, February 7, 2007
  - Links: skb: [yaml src](#)
-

---

**Sven van der Meer:** *SFI PI Cluster Autonomic Management of Communications Networks and Services - Basic Research: current Results and Future Work*, 2008

- Presenter: Sven van der Meer
- Presentation: TSSG/CIM Autonomics Workshop, Waterford, Ireland, July 11, 2008
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Standard Defining Organisations*, 2008

- Presenter: Sven van der Meer
- Presentation: TSSG/CIM Autonomics Workshop, Waterford, Ireland, July 11, 2008
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Basic Research - Autonomics and beyond*, 2008

- Presenter: Sven van der Meer
- Presentation: TSSG Research Day, WIT, Waterford, Ireland, December 5, 2008
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *Architectures and Models of Distributed Systems - Learn to read, understand, design them*, 2009

- Presenter: Sven van der Meer
- Presentation: TSSG Research Modules, Waterford, Ireland, December 5, 2009
- Links: skb: [yaml src](#)

## 2010

---

**Sven van der Meer:** *Autonomic Networks - Challenges in Closing the Loop*, 2015

- Presenter: Sven van der Meer
- Presentation: 2015 Ericsson R&D Summit, R&D Talks, Online, April 29, 2015
- Links: skb: [yaml src](#)

---

**Sven van der Meer:** *What about the Network? - How to manage multi-layer Networks*, 2016

- Presenter: Sven van der Meer
- Presentation: IEEE Software Defined Networks Initiative, 2nd Workshop on Mobile Edge Cloud, Telecom Italia Mobile, Future Centre, Venice, Italy, June 16, 2016
- Links: [Announcement](#), [Event](#), [Slideshare](#), [PDF](#)    skb: [yaml src](#)

---

**Sven van der Meer: A-CORD (Analytics CORD), 2016**

- Presenter: Sven van der Meer
- Authors: Srikanth Vavilapalli, Sven van der Meer
- Presentation: OP-NFV Summit 2016, Berlin, Germany, June 20-23, 2016
- Links: [Event](#), [PDF \(original\)](#)    skb: [yaml src](#)

**Sven van der Meer: Adaptive Policy, 2016**

- Presenter: Sven van der Meer
- Presentation: 2016 Ericsson Policy Summit (Day 1), Kista, Sweden, May 10-11, 2016
- Links: skb: [yaml src](#)

**Sven van der Meer: APEX Overview, 2016**

- Presenter: Sven van der Meer
- Presentation: 2016 Ericsson Policy Summit (Day 2), Kista, Sweden, May 10-11, 2016
- Links: skb: [yaml src](#)

**Sven van der Meer: Simplifying Multi-layer Network Management with RINA, 2016**

- Presenter: Sven van der Meer
- Presentation: Technology Day Ireland, Athlone, Ireland, 2016
- Links: [Event](#)    skb: [yaml src](#)

**Sven van der Meer: What do we actually manage in 5G? - And what is missing?, 2018**

- Presenter: Sven van der Meer
- Presentation: LMI Primetime, Athlone, Ireland, May 29, 2018
  - Based on the NOMS 2018 keynote
- Links: [Event](#)    skb: [yaml src](#)

**Sven van der Meer: 5G Networks must be autonomic, 2018**

- Presenter: Sven van der Meer
- Presentation: 47<sup>th</sup> Meeting NMRG, co-located with IEEE NOMS 2018, Taipei, Taiwan, April 24, 2018
- Links: [Event](#), [Talk](#)    skb: [yaml src](#)

---

**Sven van der Meer:** *Documentation in APEX*, 2018

- Presenter: Sven van der Meer
- Authors: Sven van der Meer, Liam Fallon, John Keeney
- Presentation: ONAP, Policy Framework Project, Bi-Weekly Meeting, August 1, 2018
- Links: [Event](#)    skb: [yaml src](#)

---

**Sven van der Meer:** *DMS – Distributed (or DIF) Management System*, 2018

- Presenter: Sven van der Meer
- Presentation: 5<sup>th</sup> RINA Workshop, Barcelona, Spain, May 22, 2018
- Links: [Announcement](#), [Event](#), [PDF](#)    skb: [yaml src](#)

## in Proceedings

### 1998/99

**Tom Pfeifer et al.:** *The Active Store providing Quality Enhanced Unified Messaging*, 1998

- Authors: Tom Pfeifer, Sven van der Meer
- Published: 5<sup>th</sup> IFIP TC-6 Conference on Computer Communications (AFRICOM-CCDC 1998), Tunis, Tunisia, October 20-22, 1998
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer et al.:** *An Approach for a 4th Generation Messaging System*, 1999

- Authors: Sven van der Meer, Stefan Arbanowski, Thomas Magedanz
- Published: Fourth International Symposium on Autonomous Decentralized Systems (ISADS) - Integration of Heterogeneous Systems
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer et al.:** *A Platform for Environment-Aware Applications*, 1999

- Authors: Sven van der Meer, Stefan Arbanowski, Radu Popescu-Zeletin
  - Published: International Symposium on Handheld and Ubiquitous Computing, HUC 1999: Handheld and Ubiquitous Computing pp 368-370
  - Part of: Lecture Notes in Computer Science book series (LNCS, volume 1707)
  - Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**Stefan Arbanowski et al.:** *Service Personalization for Unified Messaging Systems*, 1999

- Authors: Stefan Arbanowski, Sven van der Meer
- Published: IEEE International Symposium on Computers and Communications (Cat. No.PR00250)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer et al.:** *Environment-aware Applications: Integrating Mobile Communications and Ubiquitous Computing*, 1999

- Authors: Sven van der Meer, Stefan Arbanowski, Radu Popescu-Zeletin
- Published: 7<sup>th</sup> Annual International Conference on Advances in Communication and Control (COMCON 1999), pp 415-428, Athens, Greece, June 28 - July 2, 1999
- Links: skb: [yaml src](#)

## 2000

**Sven van der Meer et al.:** *Flexible Control of Media Gateways for Service Adaptation*, 2000

- Authors: Sven van der Meer, Stefan Arbanowski, Stephan Steglich
- Published: 5th IEEE Intelligent Network Workshop (IN 2000), Cape Town, South Africa, May 7-11, 2000
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer et al.:** *Service Interoperability through advanced Media Gateways*, 2000

- Authors: Sven van der Meer, Stefan Arbanowski
- Published: International Conference on Intelligence in Networks, SMARTNET 2000: Telecommunication Network Intelligence, Vienna, Austria, September 18-22, 2000
- Part of: IFIP — The International Federation for Information Processing book series (IFIPAICT, volume 50), pp 583-595
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)



---

**Stefan Arbanowski** et al.: *I-centric Services in the Area of Telecommunication ‘The I-Talk Service’*, 2000

- Authors: Stefan Arbanowski, Sven van der Meer, Radu Popescu-Zeletin
- Published: International Conference on Intelligence in Networks, SMARTNET 2000: Telecommunication Network Intelligence, Vienna, Austria, September 18-22, 2000
- Part of: IFIP — The International Federation for Information Processing book series (IFIPAICT, volume 50), pp 499-508
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer** et al.: *Flexible Media and Content Adaptation for Communication Systems*, 2000

- Authors: Sven van der Meer, Stefan Arbanowski
- Published: 5th IEEE Conference on Protocols for Multimedia Systems (PROMS 2000), pp 461-477, Cracow, Poland, October 22-25, 2000
- Links: [ResearchGate](#)    skb: [yaml src](#)

**Stefan Arbanowski** et al.: *Open Profiling for Ubiquitous Computing*, 2000

- Authors: Stefan Arbanowski, Holger Waterstrat, Sven van der Meer, Radu Popescu-Zeletin
- Published: 1st Workshop on Ubiquitous Computing (WUC 2000), Philadelphia, United States, November 19, 2000
- Links: [ResearchGate](#)    skb: [yaml src](#)

## 2001

**Sven van der Meer** et al.: *User-centric Communications*, 2001

- Authors: Sven van der Meer, Stephan Steglich, Stefan Arbanowski
- Published: 8th IEEE International Conference on Telecommunications (ICT 2001), special session, pp 425-444, Bucharest, Romania, June 4-7, 2001
- Links: [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer** et al.: *From Unified Messaging towards I-centric - Services for the Virtual Home Environment*, 2001

- Authors: Sven van der Meer, Stefan Arbanowski
- Published: 6th IEEE Intelligent Network Workshop (IN 2001), pp 152-160, Boston, United States, May 6-9, 2001
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2003

**Robert O'Connor** et al.: *Present and future organisational models for wireless networks*, 2003

- Authors: Robert O'Connor, Sven van der Meer
- Published: ISICT '03 Proceedings of the 1st international symposium on Information and communication technologies, Pages 157-162
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Keara Barrett** et al.: *Investigating the Applicability of Mobile IP and Cellular IP for Roaming in Smart Environments*, 2003

- Authors: Keara Barrett, Ray Carroll, Sven van der Meer
- Published: IEI/IEE Irish Telecommunications Systems Research Symposium (ITSRS), May 2003
- Links: [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer** et al.: *Design Principles for Smart Space Management*, 2003

- Authors: Sven van der Meer, Brendan Jennings, Keara Barrett, Ray Carroll
- Published: 1st International Workshop on Management of Ubiquitous Communications and Services (MUCS 2003), Waterford, Ireland, December 11, 2003
- Links: [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer** et al.: *Ubiquitous Smart Space Management*, 2003

- Authors: Sven van der Meer, Robert O'Connor, Alan Davy
- Published: 1st International Workshop on Management of Ubiquitous Communications and Services (MUCS 2003), Waterford, Ireland, December 11, 2003
- Links: [ResearchGate](#)    skb: [yaml src](#)

## 2004

**Sven van der Meer** et al.: *Integrated Management of Smart Spaces*, 2004

- Authors: Sven van der Meer, Brendan Jennings
- Published: 14th eChallenges Conf. (e-2004), Vienna, Austria
- Published in: Paul Cunningham, Miriam Cunningham (eds.): *EAdoption and the Knowledge Economy: Issues, Applications, Case Studies*, Volume 1, Part 1
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Samir Ghamri-Doudane** et al.: *Resources Discovery and Management Using Policies in Smart Spaces*, 2004

- Authors: Samir Ghamri-Doudane, Sven van der Meer, Robert O'Connor, Yacine Ghamri-Doudane, Nazim Agoulmine
- Published: 11th Workshop of the HP OpenView University Association (HP-OVUA 2004) , Jun 2004
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Keara Barrett** et al.: *User-Centric Management of Ubiquitous Environments - Challenges & Initial Solutions*, 2004

- Authors: Keara Barrett, Ray Carroll, Venet Osmani, Sven van der Meer
- Published: 2nd International Workshop on Management of Ubiquitous Communications and Services (MUCS 2004), Dublin, Ireland, December 12-13, 2004
- Links: skb: [yaml src](#)

## 2005

**Cian Foley** et al.: *Instant Messaging as a Platform for the Realisation of a True Ubiquitous Computing Environment*, 2005

- Authors: Cian Foley, Barry Downes, Eamonn de Leastar, Sven van der Meer
- Published: 15th eChallenges Conf. (e-2005)
- Published in: Paul Cunningham, Miriam Cunningham (eds.): *Innovation and the Knowledge Economy: Issues, Applications, Case Studies*
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Venet Osmani** et al.: *Context? Yes, but to whom?*, 2005

- Authors: Venet Osmani, Sven van der Meer
- Published: Mobile HCI
  - Workshop: International Workshop on Context in Mobile HCI
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Venet Osmani** et al.: *An architecture for User-centric Management of Intelligent Environments*, 2005

- Authors: Venet Osmani, Keara Barrett, Ray Carroll, Brendan Jennings, Sven van der Meer
  - Published: 28th Int'l Convention MIPRO Conf. on Intelligent Systems (CIS05)
  - Links: [ResearchGate](#)    skb: [yaml src](#)
-

---

**Mike White** et al.: *Context driven, User-centric Access Control for Smart Spaces*, 2005

- Authors: Mike White, Brendan Jennings, Sven van der Meer
- Published: The IEE International Workshop on Intelligent Environments, 2005 (Ref. No. 2005/11059)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer** et al.: *Ontology Based Policy Mobility for Pervasive Computing*, 2005

- Authors: Sven van der Meer, Brendan Jennings, Declan O'Sullivan, Dave Lewis, Nazim Agoulmine
- Published: 12th Workshop of the HP OpenView University Association (HPOVUA2005)
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Brendan Jennings** et al.: *A Two Phase Rating Process for Dynamically Composed Services*, 2005

- Authors: Brendan Jennings, Paul Malone, Sven van der Meer
- Published: 12th Workshop of the HP OpenView University Association (HPOVUA2005)
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Steven Davy** et al.: *On the use of Policy Based Management for Pervasive m-Government Services*, 2005

- Authors: Steven Davy, Keara Barrett, Brendan Jennings, Sven van der Meer
- Published: 1st European Mobile Government Conference, Euro mGov, 2005
- Links: [Conference](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Steven Davy** et al.: *Policy-Based Architectures to Enable Autonomic Communications*, 2005

- Authors: Steven Davy, Keara Barrett, Sasitharan Balasubramaniam, Sven van der Meer, Brendan Jennings, John C. Strassner
- Published: Information Technology & Telecommunications annual Conference Cork, IT&T 2005
- Links: skb: [yaml src](#)

---

**Mike White** et al.: *User-Centric Adaptive Access Control and Resource Configuration for Ubiquitous Computing Environments*, 2005

- Authors: Mike White, Brendan Jennings, Sven van der Meer
- Published: 7th International Conference on Enterprise Information Systems (ICEIS)
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Elyes Lehtihet** et al.: *Initial Approach Toward Self-configuration and Self-optimization in IP Networks*, 2005

- Authors: Elyes Lehtihet, Hajer Derbel, Nazim Agoulmine, Yacine Ghamri-Doudane, Sven van der Meer
- Published: IFIP/IEEE International Conference on Management of Multimedia Networks and Services, MMNS 2005: Management of Multimedia Networks and Services pp 371-382
- Part of: Lecture Notes in Computer Science book series (LNCS, volume 3754)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer** et al.: *Ontology Based Policy Mobility for Pervasive Computing*, 2005

- Authors: Sven van der Meer, Declan O'Sullivan, Dave Lewis, Nazim Agoulmine
- Published: 2005 IFIP/IEEE Symposium on Integrated Network and Service Management (IM), IM 2005
- Links: [Conference](#), [PDF: TCD](#)    skb: [yaml src](#)

**Martin Zach** et al.: *CELTIC Initiative Project Madeira: A P2P Approach to Network Management*, 2005

- Authors: Martin Zach, Daryl Parker, Liam Fallon, Christian Unfried, Miguel Ponce de Leon, Sven van der Meer, Nektarios Georgalas, Johan Nielsen
- Published: EURESCOM Summit 2005 - Ubiquitous Services and Applications, Heidelberg, Germany, April 27-29, 2005
- Links: [Conference](#), [Publisher](#), [ResearchGate](#)    skb: [yaml src](#)

## 2006

**Sven van der Meer** et al.: *Autonomic Networking: Prototype Implementation of the Policy Continuum*, 2006

- Authors: Sven van der Meer, Steven Davy, Alan Davy, Ray Carroll, Brendan Jennings, John C. Strassner
  - Published: NOMS Workshops 2006 - IEEE Network Operations and Management Symposium Workshops
    - Workshop: 2006 1st IEEE International Workshop on Broadband Convergence Networks
  - Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**Steven Davy** et al.: *Policy-Based Architecture to enable Autonomic Communications - A Position Paper*, 2006

- Authors: Steven Davy, Keara Barrett, Sasitharan Balasubramaniam, Sven van der Meer, Brendan Jennings, John C. Strassner
- Published: CCNC 2006. 2006 3rd IEEE Consumer Communications and Networking Conference, 2006
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer** et al.: *Emerging Principles of Autonomic Network Management*, 2006

- Authors: Sven van der Meer, Willie Donnelly, John C. Strassner, Brendan Jennings, Mícheál Ó Foghlú
- Reasons to read: policy translation is possible
- Published: First IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2006
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Ray Carroll** et al.: *Policy and Profile: Enabling Self-knowledge for Autonomic Systems*, 2006

- Authors: Ray Carroll, John C. Strassner, Greg W. Cox, Sven van der Meer
- Published: International Workshop on Distributed Systems: Operations and Management, DSOM 2006: Large Scale Management of Distributed Systems pp 239-245
- Part of: Lecture Notes in Computer Science book series (LNCS, volume 4269)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Ray Carroll** et al.: *Applying the P2P paradigm to management of large-scale distributed networks using a Model Driven Approach*, 2006

- Authors: Ray Carroll, Claire Fahy, Elyes Lehtihet, Sven van der Meer, Nektarios Georgalas, David Cleary
- Published: 2006 IEEE/IFIP Network Operations and Management Symposium NOMS 2006
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sasitharan Balasubramaniam** et al.: *Bio-inspired Policy Based Management (bioPBM) for Autonomic Bio-inspired Policy Based Management (bioPBM) for Autonomic*, 2006

- Authors: Sasitharan Balasubramaniam, Keara Barrett, Willie Donnelly, Sven van der Meer, John C. Strassner
  - Published: Seventh IEEE International Workshop on Policies for Distributed Systems and Networks (POLICY'06)
  - Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**Dave Raymer** et al.: *End-to-End Model Driven Policy Based Network Management*, 2006

- Authors: Dave Raymer, John C. Strassner, Elyes Lehtihet, Sven van der Meer
- Published: Seventh IEEE International Workshop on Policies for Distributed Systems and Networks (POLICY'06)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer**: *Governing Mechanisms - What do we need to make Policy-based Management work?*, 2006

- Author: Sven van der Meer
- Published: Motorola Symposium on Software, System and Simulation (S3 2006), Schaumburg, United States, September 11, 2006
- Links: skb: [yaml src](#)

## 2007

**Keara Barrett** et al.: *A Model Based Approach for Policy Tool Generation and Policy Analysis*, 2007

- Authors: Keara Barrett, Steven Davy, John C. Strassner, Brendan Jennings, Sven van der Meer, Willie Donnelly
- Reasons to read: tool support for syntactic and semantic translation between models can be achieved
- Published: 2007 First International Global Information Infrastructure Symposium, GIIS
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Keara Barrett** et al.: *Determining the Feasibility of Policy Translation*, 2007

- Authors: Keara Barrett, John C. Strassner, Sven van der Meer, Willie Donnelly
- Reasons to read: policy translation is possible
- Published: Second IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2007
- Links: skb: [yaml src](#)

---

**Martín Jamie Serrano** et al.: *Ontology-Based Management for Context Integration in Pervasive Services Operations*, 2007

- Authors: Martín Jamie Serrano, Joan Serrat, Sven van der Meer, Mícheál Ó Foghlú
- Published: IFIP International Conference on Autonomous Infrastructure, Management and Security, AIMS 2007: Inter-Domain Management pp 35-48
- Part of: Lecture Notes in Computer Science book series (LNCS, volume 4543)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Steven Davy** et al.: *Policy Interactions and Management of Traffic Engineering Services Based on Ontologies*, 2007

- Authors: Steven Davy, Keara Barrett, Martín Jamie Serrano, John C. Strassner, Brendan Jennings, Sven van der Meer
- Published: 2007 Latin American Network Operations and Management Symposium
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Ray Carroll** et al.: *A semantic integration framework for user information enabling personalised service discovery, configuration and deployment*, 2007

- Authors: Ray Carroll, Willie Donnelly, Sven van der Meer
- Published: 2007 First International Global Information Infrastructure Symposium, GIIS
  - Poster, GIIS Poster Proceedings
- Links: [ResearchGate](#)    skb: [yaml src](#)

---

**Teri Morris** et al.: *A Discussion on Policy-based Management using Context Mobility in Ad-Hoc Networking*, 2007

- Authors: Teri Morris, Sven van der Meer, Brendan Jennings
- Reasons to read: tool support for syntactic and semantic translation between models can be achieved
- Published: 2007 First International Global Information Infrastructure Symposium, GIIS
  - Workshop: 1st Alcatel-Lucent/Université d'Evry/Telenor Seamless Service MObility (SSMO) Workshop
- Links: [ResearchGate](#)    skb: [yaml src](#)



---

**Sven van der Meer** et al.: *Manageability of Autonomic Software Artifacts using Contracts and Traceability*, 2007

- Authors: Sven van der Meer, Joel J. Fleck II, Martin Huddleston, Dave Raymer, John C. Strassner, Willie Donnelly
- Published: Second IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2007
- Links: [ResearchGate](#)    skb: [yaml src](#)

**Peter Deussen** et al.: *A Discussion on Fundamental Approaches for the Engineering of Autonomic Systems*, 2007

- Authors: Peter Deussen, Benoit Bruyere, Claire Fahy, Sven van der Meer, Maurice Israel, Edzard Hoefig, Dave Lewis, Declan O’Sullivan, Dominic Greenwood, Alessandro Bassi, Jacques Saraydaryan
- Published: Second IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2007
- Links: [ResearchGate](#)    skb: [yaml src](#)

## 2008

**John C. Strassner** et al.: *Message from the MDDS 2008 Workshop Organizers*, 2008

- Authors: John C. Strassner, Sven van der Meer, Jing Zhang
- Published: 2008 32nd Annual IEEE International Computer Software and Applications Conference
  - Workshop: MDDAS
- Links: [DOI](#)    skb: [yaml src](#)

**John C. Strassner** et al.: *MDDAS 2008 Workshop Organization*, 2008

- Authors: John C. Strassner, Sven van der Meer, Jing Zhang
- Published: 2008 32nd Annual IEEE International Computer Software and Applications Conference
  - Workshop: MDDAS
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Ray Carroll** et al.: *Semantic Integration of User Data - Models and Processes Enabling Seamless Mobility*, 2008

- Authors: Ray Carroll, Sven van der Meer
- Published: 2008 32nd Annual IEEE International Computer Software and Applications Conference
- Links: [DOI](#), [ResearchGate](#) skb: [yaml src](#)

---

**Sven van der Meer** et al.: *Traceability Maps: a Tool for Managing Software Artifacts*, 2008

- Authors: Sven van der Meer, Joel J. Fleck II
- Published: 15th Workshop of the HP Software University Association (HP-SUA 2008)
- Links: [ResearchGate](#) skb: [yaml src](#)

---

**John C. Strassner** et al.: *Modelling Context for Autonomic Networking*, 2008

- Authors: John C. Strassner, Yan Liu, Michael Jiang, Jing Zhang, Sven van der Meer, Mícheál Ó Foghlú, Claire Fahy, Willie Donnelly
- Published: NOMS Workshops 2008 - IEEE Network Operations and Management Symposium Workshops
  - Workshop: MUCS 2008
- Links: [DOI](#), [ResearchGate](#) skb: [yaml src](#)

---

**John C. Strassner** et al.: *Review of Knowledge Engineering Requirements for Semantic Reasoning in Autonomic Networks*, 2008

- Authors: John C. Strassner, Sven van der Meer, Mícheál Ó Foghlú, Willie Donnelly, Joan Serrat, Nazim Agoulmine
- Published: Asia-Pacific Network Operations and Management Symposium, APNOMS 2008: Challenges for Next Generation Network Operations and Service Management pp 146-155
- Part of: Lecture Notes in Computer Science book series (LNCS, volume 5297)
- Links: [DOI](#) skb: [yaml src](#)

---

**John C. Strassner** et al.: *The Design of a New Context-Aware Policy Model for Autonomic Networking*, 2008

- Authors: John C. Strassner, Srini Samudrala, Greg W. Cox, Yan Liu, Michael Jiang, Jing Zhang, Sven van der Meer, Mícheál Ó Foghlú, Willie Donnelly
  - Published: 2008 International Conference on Autonomic Computing (ICAC)
  - Links: [DOI](#), [ResearchGate](#) skb: [yaml src](#)
-

---

**Claire Fahy** et al.: *Towards an Information Model That Supports Service-Aware, Self-managing Virtual Resources*, 2008

- Authors: Claire Fahy, Steven Davy, Zohra Boudjemil, Sven van der Meer, Javier Rubio-Loyola, Joan Serrat, John C. Strassner, Andreas Berl, Hermann de Meer, Daniel F. Macedo
- Published: IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2008: Modelling Autonomic Communications Environments pp 102-107
- Part of the Lecture Notes in Computer Science book series (LNCS, volume 5276)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Dave Raymer** et al.: *From Autonomic Computing to Autonomic Networking: An Architectural Perspective*, 2008

- Authors: Dave Raymer, Sven van der Meer, John C. Strassner
- Published: Fifth IEEE Workshop on Engineering of Autonomic and Autonomous Systems (ease 2008)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Jens Schmutzler** et al.: *Dynamic Group Management as an Enhancement to emergency Healthcare using Policies*, 2008

- Authors: Jens Schmutzler, Chris Foley, Stefan Michaelis, Sven van der Meer, Christian Wietfeld
- Published: HealthCom 2008 - 10th International Conference on e-health Networking, Applications and Services
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2009

---

**Martín Jamie Serrano** et al.: *Trust and Reputation Policy-Based Mechanisms for Self-protection in Autonomic Communications*, 2009

- Authors: Martín Jamie Serrano, Sven van der Meer, John C. Strassner, Stefano De Paoli, Aphra Kerr, Cristiano Storni
  - Published: International Conference on Autonomic and Trusted Computing, ATC 2009: Autonomic and Trusted Computing pp 249-267
  - Part of: Lecture Notes in Computer Science book series (LNCS, volume 5586)
  - Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**John C. Strassner** et al.: *The design of an Autonomic Element for managing emerging networks and services*, 2009

- Authors: John C. Strassner, James Won-Ki Hong, Sven van der Meer
- Published: 2009 International Conference on Ultra Modern Telecommunications & Workshops (ICUMT)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**John C. Strassner** et al.: *The Applicability of Self-Awareness for Network Management Operations*, 2009

- Authors: John C. Strassner, Sven van der Meer, James Won-Ki Hong
- Published: IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2009: Modelling Autonomic Communications Environments pp 15-28
- Part of the Lecture Notes in Computer Science book series (LNCS, volume 5844)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer**: *Architectural Artefacts for Autonomic Distributed Systems- Contract Language*, 2009

- Author: Sven van der Meer
- Published: 2009 Sixth IEEE Conference and Workshops on Engineering of Autonomic and Autonomous Systems
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Sven van der Meer** et al.: *The Design of a Novel Autonomic Management Methodology and Architecture for Next Generation and Future Internet Systems*, 2009

- Authors: Sven van der Meer, John C. Strassner, Patrick Phelan
- Published: 2009 Sixth IEEE Conference and Workshops on Engineering of Autonomic and Autonomous Systems
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**John C. Strassner** et al.: *Semantic Mediation to enable Network and Service Management Interoperability in Future Internet Networks*, 2009

- Authors: John C. Strassner, Sven van der Meer, Brendan Jennings, Miguel Ponce de Leon
  - Published: 19<sup>th</sup> eChallenges Conf. (e-2009)
  - Awards: Best Paper Award
  - Links: [ResearchGate](#)    skb: [yaml src](#)
-

---

**John C. Strassner** et al.: *An autonomic Architecture to manage Ubiquitous Computing Networks and Applications*, 2009

- Authors: John C. Strassner, Sven van der Meer, Brendan Jennings, Miguel Ponce de Leon
- Published: 2009 First International Conference on Ubiquitous and Future Networks, ICUFN
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**John C. Strassner** et al.: *Autonomic Orchestration of Future Networks to Realize Prosumer Services*, 2009

- Authors: John C. Strassner, Sven van der Meer, Mícheál Ó Foghlú, Miguel Ponce de Leon, Willie Donnelly
- Published: 2009 International Conference on Future Networks, ICFN
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Brendan Jennings** et al.: *Challenges for Federated, Autonomic Network Management in the Future Internet*, 2009

- Authors: Brendan Jennings, Rob Brennan, Willie Donnelly, Simon N. Foley, Dave Lewis, Declan O'Sullivan, John C. Strassner, Sven van der Meer
- Published: 2009 IFIP/IEEE International Symposium on Integrated Network Management-Workshops
  - Workshop: 1st IFIP/IEEE International Workshop on Management of the Future Internet
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2010

**Sven van der Meer** et al.: *Managing Ubiquitous Networks — How do they do it?*, 2010

- Authors: Sven van der Meer, Brendan Jennings, John C. Strassner
- Published: 2010 Second International Conference on Ubiquitous and Future Networks (ICUFN)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**John C. Strassner** et al.: *An Architecture for Using Metadata to Manage Ubiquitous Communications and Services: A Position Paper*, 2010

- Authors: John C. Strassner, Sung-Su Kim, Tom Pfeifer, Sven van der Meer
- Published: 2010 8th IEEE International Conference on Pervasive Computing and Communications Workshops (PERCOM Workshops)
  - Workshop: MUCS 2010, see [IEEE Xplore](#)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Steven Latré** et al.: *Ontological Generation of Filter Rules for Context Exchange in Autonomic Multimedia Networks*, 2010

- Authors: Steven Latré, Sven van der Meer, Filip De Turck, John C. Strassner, James Won-Ki Hong
- Published: 2010 IEEE/IFIP Network Operations and Management Symposium - NOMS 2010
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Martín Jamie Serrano** et al.: *Federation, a Matter of Autonomic Management in the Future Internet*, 2010

- Authors: Martín Jamie Serrano, Sven van der Meer, Viliam Holub, John Murphy, John C. Strassner
- Published: 2010 IEEE/IFIP Network Operations and Management Symposium, NOMS 2010
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Patrick Phelan** et al.: *An Introduction to Network Stack Design using Software Design Patterns*, 2010

- Authors: Patrick Phelan, Zohra Boudjemil, Miguel Ponce de Leon, Sven van der Meer
- Published: IEEE International Workshop on Modelling Autonomic Communications Environments, MACE 2010
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Zohra Boudjemil** et al.: *A Case Study for defining Interoperable Network Components using MDD*, 2010

- Authors: Zohra Boudjemil, Patrick Phelan, Miguel Ponce de Leon, Sven van der Meer
- Published: 2010 Fourth UKSim European Symposium on Computer Modeling and Simulation
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2011

---

**Annie Ibrahim Rana** et al.: *Autonomic Policy-based HAN Traffic Classification using Augmented Meta Model for Policy Translation*, 2011

- Authors: Annie Ibrahim Rana, Brendan Jennings, Mícheál Ó Foghlú, Sven van der Meer
  - Published: 2011 Eighth International Conference on Wireless and Optical Communications Networks, WOCN 2011
  - Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**John Keeney** et al.: *A semantic Monitoring and Management Framework for End-to-End Services*, 2011

- Authors: John Keeney, Owen Conlan, Viliam Holub, Miao Wang, Laetitia Chapel, Martín Jamie Serrano, Sven van der Meer
- Published: 12th IFIP/IEEE International Symposium on Integrated Network Management (IM 2011) and Workshops
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2013

**John Keeney** et al.: *A Recommender-System for Telecommunications Network Management Actions*, 2013

- Authors: John Keeney, Sven van der Meer, Gabriel Hogan
- Published: 2013 IFIP/IEEE International Symposium on Integrated Network Management (IM 2013)
- Links: [IEEE Xplore](#), [ResearchGate](#)    skb: [yaml src](#)

**Sumit Dawar** et al.: *Building a Scalable Event Processing System with Messaging and Policies - Test and Evaluation of RabbitMQ and Drools Expert*, 2013

- Authors: Sumit Dawar, Sven van der Meer, Enda Fallon, John Keeney, Tom Bennet
- Published: 12th Annual IT&T ConferenceAt: Athlone, Ireland, 2013
- Links: [ResearchGate](#), [ITT 2013](#)    skb: [yaml src](#)

**Sumit Dawar** et al.: *An Extensible Architecture for Mobile Network Management Event Distribution and Rule Processing - A Performance Evaluation*, 2013

- Authors: Sumit Dawar, Enda Fallon, Tom Bennet, Sven van der Meer, John Keeney
  - 2013 1<sup>st</sup> International Conference on Artificial Intelligence, Modelling and Simulation, AIMS 2013
  - Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)
-

---

**Sumit Dawar** et al.: *Cloudifying Mobile Network Management: Performance Tests of Event Distribution and Rule Processing*, 2013

- Authors: Sumit Dawar, Sven van der Meer, John Keeney, Enda Fallon, Tom Bennet
- Published: International Conference on Mobile Networks and Management, MONAMI 2013: Mobile Networks and Management, pp 94-107
  - Part of the Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering book series (LNICST, volume 125)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2014

**Faisal Zaman** et al.: *A heuristic correlation algorithm for data reduction through noise detection in stream-based communication management systems*, 2014

- Authors: Faisal Zaman, Sebastian Robitzsch, Zhuo Wu, John Keeney, Sven van der Meer, Gabriel-Miro Muntean
- Published: 2014 IEEE Network Operations and Management Symposium (NOMS)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**John Keeney** et al.: *Towards Real-time Management of Virtualized Telecommunication Networks*, 2014

- Authors: John Keeney, Sven van der Meer, Liam Fallon
- Published: 10th International Conference on Network and Service Management (CNSM) and Workshop, 2014
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Zhenhui Yuan** et al.: *Context-aware heterogeneous network performance analysis: Test-bed development*, 2014

- Authors: Zhenhui Yuan, John Keeney, Sven van der Meer, Gabriel Hogan, Gabriel-Miro Muntean
- Published: 2014 IEEE International Conference on Pervasive Computing and Communication Workshops (PERCOM WORKSHOPS)
  - Workshop: MUCS 2014
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2015



**Sven van der Meer** et al.: *Dynamically Adaptive Policies for Dynamically Adaptive Telecommunications Networks*, 2015

- Authors: Sven van der Meer, John Keeney, Liam Fallon
- Published: 2015 11th International Conference on Network and Service Management (CNSM)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sebastian Robitzsch** et al.: *E-stream: Towards pattern centric network incident discovery and corrective action recommendation in telecommunication networks*, 2015

- Authors: Sebastian Robitzsch, Faisal Zaman, Zhiguo Qu, John Keeney, Sven van der Meer, Gabriel-Miro Muntean
- Published: 2015 IFIP/IEEE International Symposium on Integrated Network Management (IM)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Faisal Zaman** et al.: *i-MagNet: A real-time intelligent framework for finding specific needles from needle stacks*, 2015

- Authors: Faisal Zaman, Sebastian Robitzsch, Zhiguo Qu, John Keeney, Sven van der Meer, Gabriel-Miro Muntean
- Published: 2015 IFIP/IEEE International Symposium on Integrated Network Management (IM)
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

## 2016

**Liam Fallon** et al.: *APEX: An Engine for Dynamic Adaptive Policy Execution*, 2016

- Authors: Liam Fallon, Sven van der Meer, John Keeney
- Published: 2016 IEEE/IFIP Network Operations and Management Symposium, NOMS 2016
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Andrei Bondkovskii** et al.: *Qualitative Comparison of Open-Source SDN Controllers*, 2016

- Authors: Andrei Bondkovskii, John Keeney, Sven van der Meer, Stefan Weber
- Published: 2016 IEEE/IFIP Network Operations and Management Symposium, NOMS 2016
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

---

**Eduard Grasa** et al.: *Simplifying Multi-layer Network Management with RINA*, 2016

- Authors: Eduard Grasa, Bernat Gaston, Sven van der Meer, Mícheál Crotty, Miguel Angel Puente
- Published: 2016 TERENA Networking Conference (TNC) , 12-16 June 2016, Prague, Czech Republic
- Links: [TCN](#), [ResearchGate](#)    skb: [yaml src](#)

## 2017

**Liam Fallon** et al.: *Distributed Management Information Models*, 2017

- Authors: Liam Fallon, John Keeney, Sven van der Meer
- Published: 2017 IFIP/IEEE Symposium on Integrated Network and Service Management (IM), IM 2017
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Liam Fallon** et al.: *Using the COMPA Autonomous Architecture for Mobile Network Security*, 2017

- Authors: Liam Fallon, John Keeney, Mark McFadden, John Quilty, Sven van der Meer
- Published: 2017 IFIP/IEEE Symposium on Integrated Network and Service Management (IM), IM 2017
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Eduard Grasa** et al.: *Open Multi-Access Edge Computing and Distributed Mobility Management with RINA*, 2017

- Authors: Eduard Grasa, Miguel Ponce de Leon, Sven van der Meer, Diego Lopez, Miquel Tarzan
- Published: 2017 IEEE Conference on Network Function Virtualization and Software Defined Networks (NFV-SDN)
- Links: [DOI](#), [Zenodo](#)    skb: [yaml src](#)

## 2018

**Eduard Grasa** et al.: *Mobility Management in RINA Networks: Experimental Validation of Architectural Properties*, 2018

- Authors: Eduard Grasa, Leonardo Bersio, Miquel Tarzan, Diego Lopez, Sven van der Meer, John Day, Lou Chitkushev
- Published: 2018 IEEE Wireless Communications and Networking Conference (WCNC)
- Links: [DOI](#), [Zenodo](#)    skb: [yaml src](#)

---

**Joseph McNamara et al.:** *A Testbed For Policy Driven Closed Loop Network Management*, 2018

- Authors: Joseph McNamara, John Keeney, Liam Fallon, Sven van der Meer, Enda Fallon
- Published: 2018 IEEE/IFIP Network Operations and Management Symposium, NOMS 2018
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer et al.:** *Taming Policy Complexity: Model to Execution*, 2018

- Authors: Sven van der Meer, John Keeney, Liam Fallon
- Published: 2018 IEEE/IFIP Network Operations and Management Symposium, NOMS 2018
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer et al.:** *5G Networks Must Be Autonomic!*, 2018

- Authors: Sven van der Meer, John Keeney, Liam Fallon
- Published: 2018 IEEE/IFIP Network Operations and Management Symposium, NOMS 2018
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Sven van der Meer et al.:** *Demo: Adaptive Policy Execution (APEX)*, 2018

- Authors: Sven van der Meer, John Keeney, Liam Fallon, Joseph McNamara
- Published: 2018 IEEE/IFIP Network Operations and Management Symposium, NOMS 2018
- Links: [DOI](#), [ResearchGate](#)    skb: [yaml src](#)

**Joseph McNamara et al.:** *An Adaptive Policy Approach to Video Quality Assurance*, 2018

- Authors: Joseph McNamara, Sven van der Meer, Liam Fallon, John Keeney, Enda Fallon
- Published: 14th International Conference on Network and Service Management, CNSM 2018
- Links: [ResearchGate](#)    skb: [yaml src](#)

## Standards / SDO

**John C. Strassner et al.:** *Generic Policy Information Model for simplified use of poLicy Abstractions (SUPA)*, 2017

- Authors: John C. Strassner, Joel Halpern, Sven van der Meer
  - Published: IETF draft, version 3, May 2017
  - Links: [IETF](#)    skb: [yaml src](#)
-

---

**Sven van der Meer** (ed): *NGOSS Architecture Technology Neutral Specification - Contract Description: Business and System Views*, 2006

- Editor: Sven van der Meer
- Published: TM Forum, NGOSS Release 6.3, TNA Release 6.3, Document Version 5.1, 2006
- Links: skb: [yaml src](#)

---

**Sven van der Meer** (ed): *NGOSS Technological Neutral Architecture*, 2006

- Editor: Sven van der Meer
- Published: TM Forum, NGOSS Release 6.0, TNA Release 6.3, Document Version 5.7, 2006
- Links: skb: [yaml src](#)

---

**Sven van der Meer** (ed): *NGOSS Technological Neutral Architecture*, 2005

- Editor: Sven van der Meer
- Published: TM Forum, NGOSS Release 6.0, TNA Release 6.0, Document Version 5.6, 2005
- Links: skb: [yaml src](#)

## Patents

**John Keeney** et al.: *Method and System for Managing Actions implemented on a Network Element within a Telecommunications Network*, 2013

- Authors: John Keeney, Sven van der Meer, Gabriel Hogan
- Publication number: WO/2013/149870
- Publication date: 10.10.2013
- Links: [Wipo](#)    skb: [yaml src](#)

---

**Sven van der Meer** et al.: *Network Management using Adaptive Policy*, 2017

- Authors: Sven van der Meer, Liam Fallon, John Keeney
- Publication number: 20170250868
- Publication date: 31.08.2017
- Links: [Wipo](#)    skb: [yaml src](#)

---

**Prudhvi Dhandu** et al.: *Network Function Virtualisation*, 201

- Authors: Prudhvi Dhandu, Kandhasamy Narayanan Premnath, Sven van der Meer
- Publication number: 20180152347
- Publication date: 31.05.2018
- Links: [Wipo](#)    skb: [yaml src](#)

**Liam Fallon** et al.: *Method and Apparatus for distributed Network Management*, 2018

- Authors: Liam Fallon, John Keeney, Sven van der Meer
- Publication number: WO/2018/024348
- Publication date: 08.02.2018
- Links: [Wipo](#)    skb: [yaml src](#)

## Project Reports

### FOKUS iPCSS

**Tom Pfeifer** (ed): *Design criteria and preliminary description of functionality*, 1995

- Editor: Tom Pfeifer
- Project Report: iPCSS - intelligent Personal Communication System - Deliverable 0, 1995
- Links: skb: [yaml src](#)

**Tom Pfeifer** (ed): *State-of-the-Art analysis and preliminary iPCSS definition*, 1996

- Editor: Tom Pfeifer
- Project Report: iPCSS - intelligent Personal Communication System - Deliverable 1, 1996
- Links: skb: [yaml src](#)

**Tom Pfeifer** (ed): *Early Implementations of Predefined Converter Chains and Service Gateways*, 1997

- Editor: Tom Pfeifer
  - Project Report: iPCSS - intelligent Personal Communication System - Deliverable 2, 1997
  - Links: skb: [yaml src](#)
-

---

**Tom Pfeifer** (ed): *Resource Selection, CORBA Platforms, TINA migration*, 1997

- Editor: Tom Pfeifer
- Project Report: iPCSS - intelligent Personal Communication System - Deliverable 3, 1997
- Links: skb: [yaml src](#)

**Tom Pfeifer** (ed): *Computational Model and CORBA based implementations*, 1997

- Editor: Tom Pfeifer
- Project Report: iPCSS - intelligent Personal Communication System - Deliverable 4, 1997
- Links: skb: [yaml src](#)

**Tom Pfeifer** (ed): *Final Specification, Implementation and Documentation*, 1998

- Editor: Tom Pfeifer
- Project Report: iPCSS - intelligent Personal Communication System - Deliverable 5, 1998
- Links: skb: [yaml src](#)

## FP5 AlbatrOSS

**Sven van der Meer** (ed): *AlbatrOSS Initial Architecture*, 2002

- Editor: Sven van der Meer
- Project Report: AlbatrOSS - IST FP5 Project IST-2001-34780, Deliverable D3 (WP3), October 3, 2002
- Links: skb: [yaml src](#)

## HEA M-Zones

**Sven van der Meer et al.**: *M-Zones Programme Work Plan - Proposal for Restructuring*, 2003

- Authors: Sven van der Meer, Dirk Pesch, Dave Lewis
- Project Report: M-Zones - Managed Zones - Deliverable D0.0, May 16, 2003
- Links: skb: [yaml src](#)

**Declan O'Sullivan** (ed): *State of Art Surveys*, 2003

- Editor: Declan O'Sullivan
- Project Report: M-Zones - Managed Zones - Deliverable D1.1, Release 2, May, 2003
- Links: skb: [yaml src](#)

---

**Sven van der Meer et al.:** *Consolidated D 2.1, D3.1 & D 4.1*, 2003

- Editors: Sven van der Meer, Dirk Pesch, Dirk Lewis
- Project Report: M-Zones - Managed Zones - Consolidated Deliverable D 2.1, D3.1 & D 4.1, September, 2003
- Links: skb: [yaml src](#)

**Sven van der Meer et al.:** *1st International Workshop on Managing Ubiquitous Communications and Services (MUCS)*, 2003

- Editors: Sven van der Meer, Dirk Pesch, Dave Lewis
- Project Report: M-Zones - Managed Zones - Consolidated Deliverable D 2.2, D3.2 & D 4.2, December, 2003
- Links: skb: [yaml src](#)

**Sven van der Meer et al.:** *M-Zones Programme Work Plan - Proposal for Restructuring*, 2004

- Authors: Sven van der Meer, Dirk Pesch, Dave Lewis
- Project Report: M-Zones - Managed Zones - Deliverable D0.1, September 9, 2004
- Links: skb: [yaml src](#)

**Sven van der Meer:** *Modelling and Design Report*, 2004

- Author: Sven van der Meer
- Project Report: M-Zones - Managed Zones - Deliverable D3.3, September 3, 2004
- Links: skb: [yaml src](#)

**Vincent Wade (ed):** *2nd International Workshop on Managing Ubiquitous Communications and Services (MUCS)*, 2004

- Editor: Vincent Wade
- Project Report: M-Zones - Managed Zones - Consolidated Deliverable D 2.4, D3.4 & D 4.4, December 13/14, 2004
- Links: skb: [yaml src](#)

**Sven van der Meer (ed):** *Evaluation and Dissemination Report*, 2005

- Editor: Sven van der Meer
- Authors: Sven van der Meer, Dave Lewis, Dirk Pesch, Brendan Jennings, Mícheál Ó Foghlú
- Project Report: M-Zones - Managed Zones - Deliverable D5.1, May 12, 2005
- Links: skb: [yaml src](#)

---

**Sven van der Meer** (ed): *Evaluation and Dissemination Report*, 2005

- Editor: Sven van der Meer
- Authors: Sven van der Meer, Dave Lewis, Dirk Pesch, Brendan Jennings, Mícheál Ó Foghlú, Kieran Delaney, Olivia Brickley, Ciaran Lynch, Tom Pfeifer, Fiona Mahon, Mícheál Crotty
- Project Report: M-Zones - Managed Zones - Deliverable D5.2, November 1, 2005
- Links: skb: [yaml src](#)

## Eurescom P1855

**Bruno Dillenseger** et al.: *Strategy and Roadmap for Telcos in Autonomic Computing and Communications*, 2009

- Authors: Bruno Dillenseger, Sven van der Meer, Stein Svaet
- Project Report: Eurescom P1855 - D1, February, 2009
- Links: [Eurescom](#)    skb: [yaml src](#)

**Marc Lacoste** (ed): *The Operators' Vision on Technologies, Opportunities, Risks and Adoption Roadmap*, 2009

- Editor: Marc Lacoste
- Authors: Zwi Altman, Thierry Coupaye, Bruno Dillenseger, Marc Lacoste, Mikael Salaun, David O'Neil, Sven van der Meer, Stein Svaet
- Project Report: Eurescom P1855 - D2, February, 2009
- Links: [Eurescom](#)    skb: [yaml src](#)

## SFI AMCNS

**Sven van der Meer**: *AMCNS Annual Report Year 2*, 2006

- Author: Sven van der Meer
  - Project Report: AMCNS - Autonomic Management of Communication Networks and Services - Annual Report Y2, November 11, 2006
  - Links: skb: [yaml src](#)
-



---

**Willie Donnelly et al.: *AMCNS Integrated Site Visit Presentation*, 2006**

- Authors: Willie Donnelly, John C. Strassner, Sven van der Meer, Brendan Jennings, Sasitharan Balasubramaniam, Dmitri Botvich, Mícheál Ó Foghlú
- Project Report: AMCNS - Autonomic Management of Communication Networks and Servicess - Site Visit, November 16, 2006
- Links: skb: [yaml src](#)

**Sven van der Meer: *AMCNS Annual Report Year 3*, 2008**

- Author: Sven van der Meer
- Project Report: AMCNS - Autonomic Management of Communication Networks and Servicess - Annual Report Y3, February 2, 2008
- Links: skb: [yaml src](#)

**Sven van der Meer: *AMCNS Annual Report Year 4*, 2009**

- Author: Sven van der Meer
- Project Report: AMCNS - Autonomic Management of Communication Networks and Servicess - Annual Report Y4, February, 2009
- Links: skb: [yaml src](#)

**Sven van der Meer: *AMCNS Final Report*, 2010**

- Author: Sven van der Meer
- Project Report: AMCNS - Autonomic Management of Communication Networks and Servicess - Final Report, February 10, 2010
- Links: skb: [yaml src](#)

## SFI FAME

**Sven van der Meer: *FAME: Annual Report Year 1*, 2009**

- Author: Sven van der Meer
  - Project Report: FAME - Federated, Autonomic Management of End-to-End Services - Annual Report Y1, February 24, 2009
  - Links: skb: [yaml src](#)
-

---

**Sven van der Meer:** *FAME: Architectures, Models and Algorithms*, 2010

- Author: Sven van der Meer
- Project Report: FAME - Federated, Autonomic Management of End-to-End Services - Deliverable D2.1, March 5, 2010
- Links: skb: [yaml](#) [src](#)

---

**Sven van der Meer:** *FAME: Architectures, Models and Algorithms*, 2011

- Author: Sven van der Meer
- Project Report: FAME - Federated, Autonomic Management of End-to-End Services - Deliverable D2.2, March 21, 2011
- Links: skb: [yaml](#) [src](#)

---

**Sven van der Meer:** *FAME: Annual Report Year 2*, 2011

- Author: Sven van der Meer
- Project Report: FAME - Federated, Autonomic Management of End-to-End Services - Annual Report Y2, February 18, 2011
- Links: skb: [yaml](#) [src](#)

## FP7 PRISTINE

**Sven van der Meer** (ed): *Draft Specification of common Elements of the Management Framework*, 2014

- Editor: Sven van der Meer
- Project Report: PRISTINE - Programmability In RINA for European supremacy of virTualised NETworks - Deliverable D5.1, June 28, 2014
- Links: [Pristine](#)    skb: [yaml](#) [src](#)

---

**Sven van der Meer** (ed): *Specification of the common Elements of the Management Framework*, 2014

- Editor: Sven van der Meer
- Authors: Sven van der Meer, Eduard Grasa, Bernat Gaston, Francesco Salvestrini, Mícheál Crotty, Jason Barron, Marc Sune, Victor Alvarez, Sarah Haines, Miguel Angel Puente, Roberto Riggio
- Project Report: PRISTINE - Programmability In RINA for European supremacy of virTualised NETworks - Deliverable D5.2, December 30, 2014
- Links: [Pristine](#)    skb: [yaml](#) [src](#)

---

**Mícheál Crotty** (ed): *Proof of Concept of DIF Management System*, 2015

- Editor: Mícheál Crotty
- Authors: Mícheál Crotty, Jason Barron, Bernat Gaston, Vincenzo Maffione, Miguel Angel Puente, Marc Sune, Sven van der Meer
- Project Report: PRISTINE - Programmability In RINA for European supremacy of virTualised NETworks - Deliverable D5.3, April 30, 2015
- Links: [Pristine](#)    skb: [yaml src](#)

**Victor Alvarez** (ed): *Consolidated Network Management System*, 2015

- Editor: Victor Alvarez
- Authors: Victor Alvarez, Eduard Grasa, Bernat Gaston, Mícheál Crotty, Miguel Ponce de Leon, Jason Barron, Roberto Riggio, Kewin Rausch, Javier Garcia, Juan Vallejo, Miguel Angel Puente, Hamid Asgari, Sven van der Meer
- Project Report: PRISTINE - Programmability In RINA for European supremacy of virTualised NETworks - Deliverable D5.4, June 30, 2016
- Links: [Pristine](#)    skb: [yaml src](#)

## H2020 ARCFIRE

**Eduard Grasa** (ed): *Converged Network operational Environment Analysis Report*, 2016

- Editor: Eduard Grasa
- Authors: Eduard Grasa, Leonardo Bergesio, Miquel Tarzan, Sven van der Meer, Diego Lopez
- Project Report: ARCFIRE - Large-scale RINA Experimentation on FIRE+ - Deliverable D2.1, August 29, 2016
- Links: [Arcfire](#)    skb: [yaml src](#)

**Sven van der Meer** (ed): *Converged Service Provider Network Design Report*, 2017

- Editor: Sven van der Meer
- Authors: Diego Lopez, Eduard Grasa, Leonardo Bergesio, Miquel Tarzan, Sven van der Meer, Liam Fallon, John Keeney
- Project Report: ARCFIRE - Large-scale RINA Experimentation on FIRE+ - Deliverable D2.2, May 5, 2017
- Links: [Arcfire](#)    skb: [yaml src](#)

---

**Vincenzo Maffione** (ed): *Integrated Software ready for Experiments: RINA stack, Management System and Measurement Framework*, 2017

- Editor: Vincenzo Maffione
- Authors: Vincenzo Maffione, Gino Carrozzo, Nicola Ciulli, Marco Capitani, Eduard Grasa, Leonardo Bergesio, Miquel Tarzan, Dimitri Staessens, Sander Vrijders, Sven van der Meer
- Project Report: ARCFIRE - Large-scale RINA Experimentation on FIRE+ - Deliverable D3.1, June 30, 2017
- Links: [Arcfire](#)    skb: [yaml src](#)

**Dimitri Staessens** (ed): *Design of experimental Scenarios; Selection of Metrics and KPIs*, 2017

- Editor: Dimitri Staessens
- Authors: Dimitri Staessens, Sander Vrijders, Eduard Grasa, Leonardo Bergesio, Miquel Tarzan, Bernat Gaston, Sven van der Meer, John Keeney, Liam Fallon, Vincenzo Maffione, Gino Carrozzo, Diego Lopez, John Day
- Project Report: ARCFIRE - Large-scale RINA Experimentation on FIRE+ - Deliverable D4.3, May 5, 2017
- Links: [Arcfire](#)    skb: [yaml src](#)