

-
1. Balla, David ; Maliosz, Markosz ; Simon, Csaba
Completion Time Prediction of Open Source FaaS Functions
 INFOCOMMUNICATIONS JOURNAL 17 : 2 pp. 53-60. , 8 p. (2025)
[DOI](#) [REAL](#) [Scopus](#) [Other URL](#)
 Article (Journal Article) | Scientific
 [36284871] [Admin approved]
-

2.
 Balla, D. ; Maliosz, M. ; Simon, C.
An Auto-Scaling Framework for Predictable Open Source FaaS Function Chains
 In: Ardagna, C.; Atukorala, N.; Beckman, P.; Chang, C.K.; Chang, R.N.; Evangelinos, C.; Fan, J.; Fox, G.C.; Fox, J.; Hagleitner, C.; Jin, Z.; Kosar, T.; Parashar, M. (eds.) *16th IEEE International Conference on Cloud Computing, CLOUD 2023 : Proceedings*
 Piscataway (NJ), United States of America : IEEE (2023) pp. 229-237.
 , 9 p.
[DOI](#) [WoS](#) [Scopus](#)
 Conference paper (Chapter in Book) | Scientific
 [34217400] [Validated]
 All citations+mentions: 1, External citations: 1, Self citations: 0,
 Unhandled citations: 0
-

3.
 Maliosz, M. ; Moldovan, I. ; Mate, M. ; Simon, C. ; Harmatos, J.
Deterministic Local Cloud for Industrial Applications
 In: IEEE, Staff *2023 IEEE 19th International Conference on Factory Communication Systems (WFCS)*
 [s.l.], International : Institute of Electrical and Electronics Engineers (2023) pp. 1-8. Paper: 10144237 , 8 p.
[DOI](#) [Scopus](#)
 Conference paper (Chapter in Book) | Scientific
 [34048348] [Approved]
 All citations+mentions: 1, External citations: 1, Self citations: 0,
 Unhandled citations: 0

4.

Balla, David ; Maliosz, Markosz ; Simon, Csaba

Predictable Open Source FaaS Function Chains

In: Secci, S.; Durairajan, R.; Linguaglossa, L.; Kamiyama, N.;

Nogueira, M.; Rovedakis, S. (eds.) *2022 IEEE 11th International Conference on Cloud Networking (CloudNet)*

Piscataway (NJ), United States of America : IEEE (2022) pp. 186-194.
, 9 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific
[33364749] [Validated]

All citations+mentions: 1, External citations: 0, Self citations: 1,
Unhandled citations: 0

5.

Balla, Dávid ✉ ; Maliosz, Markosz ; Simon, Csaba

Towards a Predictable Open Source FaaS

In: Pal, Varga; Lisandro, Zambenedetti Granville; Alex, Galis; Istvan, Godor; Noura, Limam; Prosper, Chemouil; Jérôme, François; Marc-Oliver, Pahl (eds.) *NOMS 2022-2022 IEEE/IFIP Network Operations and Management Symposium : Network and Service Management in the Era of Cloudification, Softwarization and Artificial Intelligence*

Piscataway (NJ), United States of America : IEEE (2022) 1,228 p.
Paper: 9789777 , 5 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific
[33115816] [Validated]

All citations+mentions: 4, External citations: 2, Self citations: 2,
Unhandled citations: 0

6.

Cinkler, Tibor ; Nagy, Kristof ; Simon, Csaba ; Vida, Rolland ; Rajab, Husam

Two-Phase Sensor Decision: Machine-Learning for Bird Sound Recognition and Vineyard Protection

IEEE SENSORS JOURNAL 22 : 12 pp. 11393-11404. , 10 p. (2022)

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#) [Google scholar](#)

Article (Journal Article) | Scientific

[32584660] [Approved]

All citations+mentions: 7, External citations: 7, Self citations: 0,
Unhandled citations: 0

7.

Máté, Miklós ✉ ; Simon, Csaba ; Maliosz, Markosz

Asynchronous Time-Aware Shaper for Time-Sensitive Networking

JOURNAL OF NETWORK AND SYSTEMS MANAGEMENT 30 : 4

Paper: 76 , 28 p. (2022)

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Article (Journal Article) | Scientific

[33108393] [Admin approved]

All citations+mentions: 4, External citations: 4, Self citations: 0,
Unhandled citations: 0

8.

Balla, David ; Maliosz, Markosz ; Simon, Csaba

Performance Evaluation of Asynchronous FaaS

In: Ardagna, CA; Chang, C; Daminai, E; Ranjan, R; Wang, Z; Ward, R; Zhang, J; Zhang, W (eds.) 14th IEEE International Conference on Cloud Computing, CLOUD 2021 : Proceedings

Piscataway (NJ), United States of America : IEEE (2021) 759 p. pp. 147-156. , 10 p.

[DOI](#) [WoS](#) [Scopus](#)

Chapter (Chapter in Book) | Scientific

[32559015] [Validated]

All citations+mentions: 6, External citations: 4, Self citations: 2,
Unhandled citations: 0

9.

Balla, David ; Maliosz, Markosz ; Simon, Csaba

Estimating Function Completion Time Distribution in Open Source FaaS

In: IEEE, , (eds.) 2021 IEEE 10th International Conference on Cloud Networking (CloudNet)

Piscataway (NJ), United States of America : IEEE (2021) pp. 65-71. , 7 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Chapter (Chapter in Book) | Scientific

[32559369] [Validated]

All citations+mentions: 6, External citations: 3, Self citations: 3,
Unhandled citations: 0

10.

Mate, Miklos ; Simon, Csaba ; Maliosz, Markosz

Asynchronous Time-Aware Shaper for Time-Sensitive Networking

In: Chemouil, P; Ulema, M; Clayman, S; Sayit, M; Cetinkaya, C;

Secci, S (eds.) 2021 17th International Conference on Network and Service Management (CNSM)

Laxenburg, Austria : IFIP (2021) pp. 565-571. , 7 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific

[32761545] [Validated]

All citations+mentions: 5, External citations: 4, Self citations: 1,
Unhandled citations: 0

11.

Simon, Csaba ; Mate, Miklos ; Maliosz, Markosz

Resource Reservation in DetNet with AVB

In: IEEE, , (eds.) 2021 8th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI)

Piscataway (NJ), United States of America : IEEE (2021) pp. 107-112. , 6 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific

[32761546] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

12.

Balla, David ; Maliosz, Markosz ; Simon, Csaba ; Gehberger, Daniel
Tuning Runtimes in Open Source FaaS

In: Hsu, Ching-Hsien; Kallel, Sondès; Lan, Kun-Chan; Zheng, Zibin
(eds.) Internet of Vehicles. Technologies and Services Toward
Smart Cities : 6th International Conference, IOV 2019, Kaohsiung,
Taiwan, November 18–21, 2019, Proceedings

Cham, Switzerland : Springer Basel; Springer Switzerland (2020)
307 p. pp. 250-266. Paper: Chapter 21 , 17 p.

[DOI](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific
[31145044] [Approved]

All citations+mentions: 16, External citations: 12, Self citations: 4,
Unhandled citations: 0

13.

Balla, David ; Simon, Csaba ; Maliosz, Markosz
Adaptive scaling of Kubernetes pods

In: IEEE (eds.) NOMS 2020 - 2020 IEEE/IFIP Network Operations
and Management Symposium: Management in the Age of
Softwarization and Artificial Intelligence

Piscataway (NJ), United States of America : IEEE (2020) pp. 1-5.
Paper: 9110428 , 5 p.

[DOI](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific
[31344002] [Validated]

All citations+mentions: 82, External citations: 76, Self citations: 6,
Unhandled citations: 0

14.

Balla, David ; Maliosz, Markosz ; Simon, Csaba

*Open Source FaaS Performance Aspects*In: Herencsar, N (eds.) 2020 43RD INTERNATIONAL CONFERENCE
ON TELECOMMUNICATIONS AND SIGNAL PROCESSING (TSP)

New York City, United States of America : IEEE (2020) pp. 358-364. ,

7 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific

[31414713] [Validated]

All citations+mentions: 37, External citations: 32, Self citations: 5,

Unhandled citations: 0

15.

Nagy, Kristof ; Cinkler, Tibor ; Simon, Csaba ; Vida, Rolland

*Internet of Birds (IoB): Song Based Bird Sensing via Machine
Learning in the Cloud : How to sense, identify, classify birds based
on their songs?*

In: IEEE (eds.) 2020 IEEE Sensors, SENSORS 2020

Piscataway (NJ), United States of America : IEEE (2020) Paper:
9278714 , 4 p.[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific

[31914732] [Admin approved]

All citations+mentions: 10, External citations: 9, Self citations: 1,

Unhandled citations: 0

16.

Simon, Csaba ; Maliosz, Markosz ; Máté, Miklós ; Balla, Dávid ;
Torma, Kristóf*Sidecar based resource estimation method for virtualized
environments*

INFOCOMMUNICATIONS JOURNAL 12 : 2 pp. 4-11. , 8 p. (2020)

[DOI](#) [REAL](#) [WoS](#) [Scopus](#) [Other URL](#)

Article (Journal Article) | Scientific

[31610167] [Approved]

All citations+mentions: 2, External citations: 2, Self citations: 0,

Unhandled citations: 0

17.

Balla, David ; Maliosz, Markosz ; Simon, Csaba ; Gehberger, Daniel ; Zsitvai, Peter

Bounded Latency with RoCE

In: ACM - ACM (eds.) SIGCOMM Posters and Demos '19:

Proceedings of the ACM SIGCOMM 2019 Conference Posters and Demos

New York City, United States of America : ACM (2019) 183 p. pp. 134-135. , 2 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Abstract (Chapter in Book) | Scientific
[31292858] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

18.

Hegyí, Gellért ; Maliosz, Markosz ; Simon, Csaba

Performance Measurements of Function as a Service Platforms

In: Association, for Computing Machinery Proceedings of the 2019 3rd International Symposium on Computer Science and Intelligent Control : ISCSIC 2019

New York City, United States of America : ACM (2019) pp. 1-6. , 6 p.

[DOI](#) [Scopus](#)

Conference paper (Chapter in Book) | Scientific
[31337170] []

19.

Csaba, Simon ; Markosz, Maliosz ; Miklos, Mate

Design Aspects of Low-Latency Services with Time-Sensitive Networking

IEEE COMMUNICATIONS STANDARDS MAGAZINE 2 : 2 pp. 48-54. , 7 p. (2018)

[DOI](#)

Article (Journal Article) | Scientific
[3420035] [Admin approved]

All citations+mentions: 25, External citations: 22, Self citations: 3,
Unhandled citations: 0

20.

Géhberger, Dániel ; Balla, Dávid ; Maliosz, Markosz ; Simon, Csaba
*Performance Evaluation of Low Latency Communication
Alternatives in a Containerized Cloud Environment*

In: IEEE (eds.) Proceedings of the 2018 IEEE 11th International
Conference on Cloud Computing (CLOUD)

San Francisco (CA), United States of America : IEEE (2018) pp. 9-16.
, 8 p.

[DOI WoS Scopus](#)

Conference paper (Chapter in Book) | Scientific
[30317550] [Admin approved]

All citations+mentions: 24, External citations: 22, Self citations: 2,
Unhandled citations: 0

21.

János, FARKAS ; Stefano, Ruffini ; Balázs, VARGA ; Csaba, Simon ;
István, Moldován

Packet processing technique for a communication network

WO2018019367A1 , Submission Year: 2016 , Country of patent:
Germany

[Teljes dokumentum](#)

International patent (Protection forms) | Scientific
[3350609] [Approved]

22.

Maliosz, Markosz ; Simon, Csaba ; Balla, Dávid ; Phan Ngo, Anh Tra
; Géhberger, Dániel

Scaling in OpenStack Using Client Feedback

In: Norbert, HERENC SAR (eds.) 41st International Conference on
Telecommunications and Signal Processing (TSP)

Brno, Czech Republic : Brno University of Technology (2018) pp.
511-515. , 5 p.

[DOI](#)

Conference paper (Chapter in Book) | Scientific
[30317551] [Approved]

23.

Balla, Dávid ; Maliosz, Markosz ; Simon, Csaba

RDMA based inter-host communication enhancement for cloud infrastructure

In: Gerhátné, Dr. Udvary Eszter (eds.) Mesterpróba 2017:

Tudományos konferencia végzős MSc és elsőéves PhD

hallgatóknak Távközlés és infokommunikáció témakörében

(2017) pp. 9-12. , 4 p.

Conference paper (Conference paper) | Scientific

[33026041] [Approved]

24.

Csaba, Simon ; Miklós, Máté ; Markosz, Maliosz ; Norbert, Bella

Ethernet with Time Sensitive Networking Tools for Industrial Networks

INFOCOMMUNICATIONS JOURNAL 9 : 2 pp. 6-14. , 9 p. (2017)

[WoS](#) [Scopus](#)

Article (Journal Article) | Scientific

[3301666] [Validated]

All citations+mentions: 8, External citations: 8, Self citations: 0,

Unhandled citations: 0

25.

Simon, Csaba ; Sebestyén-Pál, György (eds.) ; Bíró, Károly Ágoston (eds.)

5G – az új igények hálózata

(2017) , 1 p.

Conference proceedings | Scientific

[3348045] [Approved]

26.

Cinkler, Tibor ; Simon, Csaba ; Szabó, Örs ; Székely, Sándor ; Jakab, Csaba

5G hálózatok architektúrája

HÍRADÁSTECHNIKA (1962) 71 : 1 pp. 40-46. , 7 p. (2016)

[Full text](#)

Article (Journal Article) | Scientific

[3095146] [Approved]

All citations+mentions: 2, External citations: 2, Self citations: 0,

Unhandled citations: 0

27.

Csaba, Simon ; Markosz, Maliosz ; József, Bíró ; Balázs, Gerő ;
András, Kern

5G Exchange for inter-domain resource sharing

In: Nicola, Blefari Melazzi (eds.) *22th IEEE Workshop On Local &
Metropolitan Area Networks*

Róma, Rome, Italy : IEEE Computer Society (2016) Paper: 4247007 ,
5 p.

[DOI](#) [WoS](#) [Scopus](#)

Conference paper (Chapter in Book) | Scientific
[3093262] [Validated]

All citations+mentions: 13, External citations: 13, Self citations: 0,
Unhandled citations: 0

28.

Szabó, O ; Simon, C

Round-robin bloom filters based load balancing of packet flows

INFOCOMMUNICATIONS JOURNAL 8 : 3 pp. 13-19. , 7 p. (2016)

[WoS](#) [Scopus](#)

Article (Journal Article) | Scientific
[3182789] [Validated]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

29.

Szabó, Örs ; Simon, Csaba

Flow based load balancer with Round - Robin Bloom filters

In: Gerhátné, Dr. Udvary Eszter (eds.) *Mesterpróba 2016 :*

Tudományos konferencia végzős MSc és elsőéves PhD

hallgatóknak Távközlés és infokommunikáció témakörében

Budapest, Hungary (2016) pp. 44-48. , 5 p.

Conference paper (Conference paper) | Scientific
[3093297] [Validated]

30.

Ádám, Soós ; Csaba, Simon ; Markosz, Maliosz ; István, Moldován
Handover of media streams with network coding

In: Norbert, Herencsar; Karol, Molnar (eds.) 2015 38th

International Conference on Telecommunications and Signal
Processing, TSP 2015

New York City, United States of America : IEEE (2015) pp. 100-104. ,
5 p.

[DOI](#) [WoS](#) [Scopus](#)

Conference paper (Chapter in Book) | Scientific
[2832246] [Validated]

31.

Carlos, J Bernardos ; Olivier, D Dugeon ; Alex, Galis ; Donal, Morris ;
Csaba, Simon ; Róbert, Szabó

*5G Exchange (5GEx) - Multi-domain Orchestration for Software
Defined Infrastructures*

In: EuCNC 2015 - European Conference on Networks and
Communications

(2015) Paper: 1570142845 , 5 p.

Conference paper (Conference paper) | Scientific
[2950680] [Approved]

All citations+mentions: 4, External citations: 4, Self citations: 0,
Unhandled citations: 0

32.

Cinkler, Tibor ; Simon, Csaba

*5G Architecture from fronthaul to core network pp. 1-34. , 34 p.
(2015)*

2nd Hungarian Future Internet Conference - Focusing on Smart
Cities (MJIK2015), November 11, 2015, Country: Hungary,

[Teljes dokumentum](#)

Not classified (Miscellaneous) | Scientific
[2980830] [Admin approved]

33.

Csaba, Simon ; Maliosz, Markosz

Network Coding Based Caching for Near Real-Time Streaming Media

INFOCOMMUNICATIONS JOURNAL 7 : 1 pp. 7-14. , 8 p. (2015)

Kiadónál [WoS](#) [Scopus](#)

Article (Journal Article) | Scientific

[2950592] [Validated]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

34.

Zsolt, Zalatnay ; Csaba, Simon ; Markosz, Maliosz ; Balázs, Terza
*Managing streaming services in a distributed testbed*In: Dávid, L (eds.) *Proceedings of the 5th International Conference on Recent Achievements in Mechatronics, Automation, Computer Sciences and Robotics 2015*Tîrgu-Mureş, Tîrgu-Mureş, Marosvásárhely, Romania (2015) pp.
223-234. , 12 p.DOI [At publisher](#) [WoS](#)

Conference paper (Conference paper) | Scientific

[2884565] [Validated]

35.

Csaba, Simon ; Maliosz, Markosz ; Balázs, Baranyai

*Network Based Caching for Near Real-Time Streaming Video*ACTA UNIVERSITATIS SAPIENTIAE ELECTRICAL AND MECHANICAL
ENGINEERING 5 pp. 1-16. , 16 p. (2013)

Article (Journal Article) | Scientific

[2950567] [Approved]

36.

Simon, Csaba ; Maliosz, Markosz

Characteristics of live media sharing communities

In: Institute of Electrical and Electronics Engineers, IEEE (eds.) 4th IEEE International Conference on Cognitive Infocommunications : CogInfoCom2013

New York City, United States of America, Piscataway (NJ), United States of America : IEEE (2013) 872 p. pp. 619-624. , 6 p.

[DOI WoS](#)Conference paper (Chapter in Book) | Scientific
[2696614] [Approved]All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

37.

Simon, Csaba

Network Coding for improved multimedia distribution (2013)

IEEE ICC Future Internet PPP Workshop on Building an Eco-System for Delivering Innovative Future Internet Services and Applications, Budapest, Magyarország, 2013.06.13.,

[Teljes dokumentum Egyéb URL](#)Not classified (Miscellaneous) | Scientific
[2696619] [Admin approved]

38.

Soós, Ádám ; Simon, Csaba ; Maliosz, Markosz

Network Coding Based Data Collection in Distributed Sensor Networks

In: Domokos, József; Forgó, Zoltán; Bakó, László (eds.) 4th International Conference on Recent Achievements in Mechatronics, Automation, Computer Science and Robotics (MACRO), 2013

Tîrgu-Mureş, Tîrgu-Mureş, Marosvásárhely, Romania : Sapiientia Erdélyi Magyar Tudományegyetem (2013) pp. 1-13. Paper: 26 , 13 p.

[Teljes dokumentum Handle](#)Conference paper (Chapter in Book) | Scientific
[2696612] [Admin approved]

39.

Simon, Csaba

Scalable Quality of Service Solutions for IP Networks and Services
99 p.Informatikai Tudományok Doktori Iskola, Henk Tamás Dissertation
submission year: 2011, Accepted: 2012 Published/defended: 2012[Teljes dokumentum](#) [Other URL](#) [Google scholar](#)

PhD (Thesis) | Scientific

[2692680] [Approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

40.

Simon, Csaba

*Network coding enabled multi-to-multi point (2012)*EIT ICTLabs KIC Activity TNSM 12180 - D1213, Final project report,
Not classified (Miscellaneous) | Scientific[2697753] [Admin approved]

41.

Maliosz, Markosz ; Simon, Csaba ; Varga, Pál

*Interworking and Monitoring of Heterogeneous Network
Technologies*

INFOCOMMUNICATIONS JOURNAL 3 : 4 pp. 30-37. , 8 p. (2011)

[Scopus](#) [Other URL](#)

Article (Journal Article) | Scientific

[2681851] [Approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

42.

Rezső, Handbauer ; Csaba, Simon ; Markosz, Maliosz

*Photo Tagging in Urban Environments*ACTA UNIVERSITATIS SAPIENTIAE ELECTRICAL AND MECHANICAL
ENGINEERING 3 pp. 15-25. Paper: 3-2 , 11 p. (2011)[Other URL](#)

Article (Journal Article) | Scientific

[2687239] [Admin approved]

43.

Simon, Csaba ; Németh, Felicián ; Uzsák, Ferenc ; Rétvári, Gábor ; Ficsor, Ferenc ; Vida, Rolland

Autonomic DHCPv6 Architecture

In: IEEE (eds.) 2011 IEEE GLOBECOM Workshops (GC Wkshps)

Piscataway (NJ), United States of America : IEEE (2011) pp. 620-624.

, 5 p.

DOI [WoS](#) [Scopus](#) [Google scholar](#) [Google scholar hash](#)

Conference paper (Chapter in Book) | Scientific

[2667089] [Admin approved]

All citations+mentions: 3, External citations: 2, Self citations: 1,

Unhandled citations: 0

44.

Uzsák, Ferenc ; Csaba, Simon

Monitoring System for EFIPSANS Networks

In: Molnar, Karol; Herencsar, Norbert (eds.) 34th International Conference on Telecommunications and Signal Processing (TSP 2011)

Piscataway (NJ), United States of America : IEEE (2011) pp. 47-51. , 5 p.

DOI [WoS](#) [Other URL](#) [Handle](#)

Conference paper (Chapter in Book) | Scientific

[2696617] [Approved]

All citations+mentions: 3, External citations: 2, Self citations: 1,

Unhandled citations: 0

45.

Vassilios, Kaldanis ; Péter, Benkő ; Csaba, Simon ; Domonkos, Asztalos ; Ranganai, Chaparadza ; Giannis, Katsaros
Methodology Towards Integrating Scenarios and Testbeds for Demonstrating Autonomic/self-managing Networks and Behaviors required in Future Networks

In: Szabó, R.; Zhu, H.; Imre, S.; Chaparadza, R. (eds.) *Access Networks: 5th International ICST Conference on Access Networks, AccessNets 2010 and First ICST International Workshop on Autonomic Networking and Self-Management in Access Networks, SELFAGICNETS 2010*

Berlin, Germany : Springer-Verlag (2011) 324 p. pp. 240-252. , 13 p.
[WoS](#) [Full text](#) [Other URL](#) [Handle](#)

Conference paper (Chapter in Book) | Scientific
[2663376] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

46.

Huszár, Levente ; Simon, Csaba ; Maliosz, Markosz
Inter-Domain Traffic Engineering for Balanced Network Load
ACTA UNIVERSITATIS SAPIENTIAE ELECTRICAL AND MECHANICAL
ENGINEERING 2 pp. 87-98. Paper: 2-8 , 12 p. (2010)

[Other URL](#) [Full text](#) [Google scholar hash](#)

Article (Journal Article) | Scientific
[2663371] [Admin approved]

47.

Huszár, Levente ; Simon, Csaba ; Maliosz, Markosz
Cooperating Control Planes between Ethernet and GMPLS Domains

In: Fabrega i Soler, Lluís; Fabregat Gesa, Ramón (eds.) *IX Workshop in G/MPLS Networks*

[s.l.], International : s.n. (2010) pp. 113-125. Paper: 4a , 13 p.
[Other URL](#)

Conference paper (Chapter in Book) | Scientific
[2663373] [Admin approved]

48.

[Simon, Csaba](#) ; [Ranganai, Chaparadza](#) ; [Péter, Benkő](#) ; [Domonkos, Asztalos](#) ; [Vassilios, Kaldanis](#)

Enabling autonomicity in the future networks

In: [IEEE \(eds.\) 2010 IEEE Global Telecommunications Conference, GLOBECOM 2010 : Proceedings](#)

Piscataway (NJ), United States of America : IEEE (2010) 6,946 p. pp. 637-641. Paper: 1569337855 , 5 p.

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper (Chapter in Book) | Scientific
[2663375] [Admin approved]

All citations+mentions: 2, External citations: 1, Self citations: 1,
Unhandled citations: 0

49. [Csaba, Simon](#) ; [Markosz, Maliosz](#) ; [Tibor, Cinkler](#)

Network resource optimization for Grid Services

In: [VIII Workshop in G/MPLS networks](#)

Gerona, Spain (2009) Paper: 11

Conference paper (Conference paper) | Scientific
[2651536] [Admin approved]

50.

[Gilles, Thouénon](#) ; [Ramon, Casellas](#) ; [Ricardo, Martínez](#) ; [Raül, Muñoz](#) ; [Juan, Fernández Palacios](#) ; [Dario, Rossi](#) ; [L F, Caro](#) ; [Ll, Fàbrega](#) ; [J L, Marzo](#) ; [Véronique, Piperaud](#) et al.

TIGER2 Reference Network Architecture: TIGER2 WP3 public deliverable D30 pp. 1-46. , 46 p. (2009)

CELTIC TIGER2 / WP3 / D30,

[Egyéb URL](#) [Teljes dokumentum](#)

Technical report (published) (Miscellaneous) | Scientific
[2667305] [Approved]

51.

[Csaba, Simon](#) ; Miranda, Naornița*Network-wide Proportional Services*

BULETINUL STIINTIFIC AL UNIVERSITATII POLITEHNICA DIN
TIMISOARA-SERIA ELECTRONICA SI TELECOMUNICATII / SCIENTIFIC
BULLETIN OF THE POLITEHNICA UNIVERSITY OF TIMISOARA
TRANSACTIONS ON ELECTRONICS AND COMMUNICATIONS 53(67)
: 2 pp. 161-166. , 6 p. (2008)

[Teljes dokumentum Handle](#)

Article (Journal Article) | Scientific

[2644884] [Admin approved]

52. [Simon, Csaba](#) ; [Kersch, Péter](#) ; [Szabó, Róbert](#)*Ambiens Hálózatok*

HÍRADÁSTECHNIKA (1962) 63 : 3 pp. 46-47. , 2 p. (2008)

Note, Short, Rapid communications (Journal Article) | Scientific

[2623346] [Approved]

53.

A, Bria ; J, Markendahl ; R, Rembarz ; P, Pöyhönen ; [Cs, Simon](#) ; M,
Miozzo ; N, Akhtar ; R, Jennen

*Validation of the Ambient Networks System Architecture*In: IEEE (eds.) [Second International Conference on](#)[Communications and Networking in China, 2007 \(CHINACOM 07\)](#)

New York City, United States of America : Institute of Electrical and
Electronics Engineers (2007) pp. 784-791. , 8 p.

[DOI](#) [IEEE Xplore](#) [WoS](#) [Scopus](#) [Handle](#)

Conference paper (Chapter in Book) | Scientific

[2644888] [Validated]

All citations+mentions: 2, External citations: 0, Self citations: 2,
Unhandled citations: 0

54.

Cs, Simon ; R, Rembarz ; P, Pääkkönen ; H, Perkuhn ; C, Bento ; N, Akhtar ; R, Agüero ; T, Katona ; P, Kersch

Ambient Networks Integrated Prototype Design and Implementation

In: IEEE (eds.) 2007 16th IST Mobile and Wireless Communications Summit

New York City, United States of America : IEEE (2007) pp. 1348-1352. , 5 p.

DOI [WoS](#) Other URL Handle

Conference paper (Chapter in Book) | Scientific
[2644890] [Approved]

All citations+mentions: 6, External citations: 4, Self citations: 2,
Unhandled citations: 0

55.

Galis, A ; Szabó, R ; Brunner, M ; Abrahamsson, H ; Andres, J ; Asmare, E A ; Callejo, M A ; Cheng, L ; Erdei, M ; Prieto, A G et al.

Chapter 12 - Towards Ambient Networks Management

In: Niebert, N; Schieder, A; Zander, J; Hancock, R (eds.) *Ambient Networks : Co-operative Mobile Networking for the Wireless World*
Chichester, United Kingdom / England : Wiley, John Wiley and Sons Inc. (2007) 286 p. pp. 231-260. , 30 p.

DOI Other URL

Chapter (Chapter in Book) | Scientific
[2644958] [Admin approved]

All citations+mentions: 13, External citations: 13, Self citations: 0,
Unhandled citations: 0

56.

Cheng, L ; Ocampo, R ; Jean, K ; Galis, A ; [Simon, C](#) ; Szabo, R ;
[Kersch, P](#) ; Giaffreda, R

Towards Distributed Hash Tables (De)Composition in Ambient Networks

LECTURE NOTES IN COMPUTER SCIENCE 4269 pp. 258-268. , 11 p.
(2006)

DOI [WoS](#) [Scopus](#) Other URL Handle

Conference paper in journal (Journal Article) | Scientific
[2644959] [Approved]

All citations+mentions: 16, External citations: 12, Self citations: 4,
Unhandled citations: 0

57.

Fatma, Belqasmi ; Marcus, Brunner ; Lawrence, Cheng ; [Simon, Csaba](#) ; Alex, Galis ; Raffaele, Giaffreda ; Roch, Glitho ; Alberto, G Prieto ; Hamid, Harroud ; Ian, Herwono et al.

Integrated Design for Context, Network and Policy Management: Ambient Networks Phase 2 public deliverable D10-D.1 (2006)

FP6-CALL4-027662-AN P2/D10-D.1,

[Teljes dokumentum](#)

Technical report (published) (Miscellaneous) | Scientific
[2666535] [Admin approved]

58.

Kis, ZL ; [Simon, Cs](#) ; Harri, L

Plug-and-Play Address Management in Ambient Networks

LECTURE NOTES IN COMPUTER SCIENCE 3996 pp. 175-178. , 4 p.
(2006)

DOI [WoS](#) [Scopus](#)

Conference paper in journal (Journal Article) | Scientific
[1992845] [Approved]

59.

Simon, Cs ; Pöyhönen, P ; Johnson, M ; Zhou, Di

Controlling and Managing Compositions in Ambient Networks

In: Proceedings of 15th IST Mobile and Wireless Communications Summit

(2006) pp. 331-337. , 7 p.

[Teljes dokumentum](#) [Handle](#)

Conference paper (Conference paper) | Scientific

[2644955] [Admin approved]

60.

Szabó, Róbert ; Simon, Csaba

Distributed Interdomain Management: Domain Composition pp. 1-11. , 11 p. (2006)

19th NMRG meeting, Stockholm, January 12-13 2006, Network Management Research Group (NMRG) of the Internet Research Task Force (IRTF),

[Teljes dokumentum](#) [Other URL](#)

Not classified (Miscellaneous) | Scientific

[2667301] [Admin approved]

61.

Brunner, M ; Galis, A ; Cheng, L ; Colás, J A ; Ahlgren, B ; Gunnar, A ; Abrahamsson, H ; Szabo, R ; Simon, Cs ; Nielsen, J et al.

Towards Ambient Networks Management

LECTURE NOTES IN COMPUTER SCIENCE 3744 pp. 215-229. , 15 p. (2005)

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Conference paper in journal (Journal Article) | Scientific

[2644956] [Approved]

All citations+mentions: 13, External citations: 12, Self citations: 1, Unhandled citations: 0

62.

Cheng, L ; Ocampo, R ; Galis, A ; Szabo, R ; Simon, Cs ; Kersch, P
Self-management in Ambient Networks for Service Composition
In: Roch, Glitho; Ahmed, Karmouch; Samuel, Pierre (eds.) *Proc. of IFIP International Conference on Intelligence in Communication Systems (INTELLICOMM 05)*
Boston (MA), United States of America : Springer Dordrecht (2005)
pp. 67-76. , 10 p.

[DOI](#) [WoS](#) [Full text](#) [Other URL](#)

Conference paper (Conference paper) | Scientific
[2644893] [Approved]

All citations+mentions: 2, External citations: 1, Self citations: 1,
Unhandled citations: 0

63.

Frank, Pittman ; Bengt, Ahlgren ; Bryan, Busropan ; Lars, Eggert ;
Svante, Ekelin ; Anders, Eriksson ; Jens, Gebert ; Robert, Hancock ;
Martin, Johnsson ; Toon, Norp et al.

Requirements and Proposals for Networks of the Wireless World: WWRF WG3 (CoNet) Whitepaper pp. 1-81. , 81 p. (2005)

Wireless World Research Forum, WG3 Communication
architectures (CoNet),

[Egyéb URL](#)

Technical report (published) (Miscellaneous) | Scientific
[2667304] [Admin approved]

64.

Kovács, Balázs ; Simon, Csaba

"Ambient" hálózatok

HÍRADÁSTECHNIKA (1962) 60 : 7 pp. 39-44. , 6 p. (2005)

[Full text](#)

Article (Journal Article) | Scientific
[2605548] [Approved]

All citations+mentions: 4, External citations: 1, Self citations: 3,
Unhandled citations: 0

65.

Schuetz, S ; Brunner, M ; Kis, Z L ; [Simon, Cs](#) ; Szabo, R ; Molnar, G
Plug and Play Configuration for Composable Networks

In: Proc. of the 14th IST Mobile and Wireless Communications Summit 2005

(2005) pp. 241-246. , 6 p.

[Teljes dokumentum](#)

Conference paper (Conference paper) | Scientific

[2644954] [Admin approved]

66.

Schuetz, Simon ; Brunner, Marcus ; Kis, Zoltán Lajos ; [Simon, Csaba](#) ; [Szabó, Róbert](#) ; Molnár, Gergely
Self-Configuration for Composable Networks

In: Proc., 14th IST Mobile and Wireless Communications Summit (MobileSummit)

(2005) pp. 1-5. , 5 p.

Conference paper (Conference paper) | Scientific

[2623805] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

67.

[Simon, Csaba](#) ; [Szabó, Róbert](#) ; Kersch, Péter ; Kovács, Balázs ;
Galis, Alex ; Cheng, Lawrence

Peer-to-peer management in Ambient Networks

In: Proc., 14th IST Mobile and Wireless Communications Summit (MobileSummit)

(2005) pp. 1-5. , 5 p.

Conference paper (Conference paper) | Scientific

[2623803] [Admin approved]

All citations+mentions: 8, External citations: 7, Self citations: 1,
Unhandled citations: 0

68.

Simon, Schuetz ; Giorgio, Nunzi ; Eskindir, Asmare ; Johan, Nielsen ; Anders, Gunnar ; Henrik, Abrahamsson ; Robert, Szabo ; [Simon, Csaba](#) ; [Márk, Erdei](#) ; Péter, Kersch et al.

Ambient Network Management - Proof of Concepts and Evaluations: Ambient Networks public deliverable D.8.3 pp. 1-147., 147 p. (2005)

IST-2002-507134-AN/D8-3,

[Teljes dokumentum](#)

Technical report (published) (Miscellaneous) | Scientific
[2667100] [Admin approved]

69.

[Szabó, Róbert](#) ; [Kersch, Péter](#) ; [Kovács, Balázs](#) ; [Simon, Csaba](#) ; [Erdei, Márk](#) ; [Wagner, Ambrus](#)

Dynamic Network Composition for Ambient Networks: a Management View

In: [Eurescom Summit](#)

(2005) pp. 35-42. , 8 p.

[Other URL](#) [Google books2](#)

Conference paper (Conference paper) | Scientific
[2605556] [Admin approved]

All citations+mentions: 3, External citations: 0, Self citations: 3,
Unhandled citations: 0

70.

Brunner, M ; Galis, A ; Cheng, L ; Colás, J A ; Ahlgren, B ; Gunnar, A ; Abrahamsson, H ; [Szabo, R](#) ; [Simon, C](#) ; Nielsen, J et al.

Ambient Networks Management Challenges and Approaches

LECTURE NOTES IN COMPUTER SCIENCE 3284 pp. 196-216. , 21 p.
(2004)

[DOI](#) [WoS](#) [Scopus](#) [Other URL](#)

Article (Journal Article) | Scientific
[2644951] [Approved]

All citations+mentions: 3, External citations: 2, Self citations: 1,
Unhandled citations: 0

71.

[Csaba, Simon](#) ; Botond, Tordai ; Miranda, Naornita

End-to-end Proportional Services for TCP Flows

BULETINUL STIINTIFIC AL UNIVERSITATII POLITEHNICA DIN
TIMISOARA-SERIA ELECTRONICA SI TELECOMUNICATII / SCIENTIFIC
BULLETIN OF THE POLITEHNICA UNIVERSITY OF TIMISOARA
TRANSACTIONS ON ELECTRONICS AND COMMUNICATIONS 49(63)
: 2 pp. 377-382. , 6 p. (2004)

[Other URL](#) [Teljes dokumentum](#)

Article (Journal Article) | Scientific
[2644886] [Admin approved]

72.

[Csaba, Simon](#) ; [Rolland, Vida](#) ; [Peter, Kersch](#) ; Christophe,
Janneteau ; Gösta, Leijonhufvud

Seamless IP multicast handovers in overdrive

In: *Proc., 13th IST Mobile and Wireless Communications Summit*
(MobileSummit)

(2004) pp. 606-610. , 5 p.

[Teljes dokumentum](#) [Other URL](#) [Google scholar](#) [Google scholar](#)
[hash](#)

Conference paper (Conference paper) | Scientific
[2667974] [Admin approved]

All citations+mentions: 3, External citations: 2, Self citations: 1,
Unhandled citations: 0

73. [Kis, Zoltán Lajos](#) ; [Kovácsházi, Zsolt](#) ; [Kersch, Péter](#) ; [Simon, Csaba](#)

Mobil többesadás protokollok vizsgálata IPv6 hálózatokban

HÍRADÁSTECHNIKA (1962) 59 : 3 pp. 20-25. , 6 p. (2004)

Article (Journal Article) | Scientific
[2625113] [Approved]

74.

Kis, Zoltán Lajos ; Kovácsházi, Zsolt ; Kersch, Péter ; Simon, Csaba
Adaptation of IPv6 multicast protocols to heterogeneous mobile networks

In: Eunice 2004 (European Network of Universities and Companies in Information and Communication Engineering) 10th Open European Summer School on Advances in Fixed and Mobile Networks

München, Germany : EUNICE (2004) pp. 99-103. , 5 p.

Conference paper (Chapter in Book) | Scientific
[2625122] [Admin approved]

All citations+mentions: 4, External citations: 4, Self citations: 0,
Unhandled citations: 0

75.

Marcus, Brunner ; Simon, Schuetz ; Giorgio, Nunzi ; Eskindir, Asmare ; Johan, Nielsen ; Anders, Gunnar ; Henrik, Abrahamsson ; Robert, Szabo ; Simon, Csaba ; Márk, Erdei et al.

Ambient Network Management – Technologies and Strategies: Ambient Networks public deliverable D.8.1 pp. 1-124. , 124 p. (2004)

IST-2002-507134-AN/ D8-1,

[Full text](#)

Technical report (published) (Miscellaneous) | Scientific
[2667179] [Admin approved]

All citations+mentions: 4, External citations: 3, Self citations: 1,
Unhandled citations: 0

76.

Nielsen, J ; Galis, A ; Abrahamsson, H ; Ahlgren, B ; Brunner, M ; Cheng, L ; Colas, J ; Simon, Cs ; Prieto, A G ; Gunnar, A et al.
Management Architectures and Approaches for Ambient Networks

In: Proc. of the 12th Wireless World Research Forum (WWRF) (2004) pp. 161-166. , 6 p.

[Teljes dokumentum](#) [Other URL](#) [Handle](#)

Conference paper (Conference paper) | Scientific
[2644946] [Admin approved]

77.

P I, Borbás ; Csaba, Simon ; Miranda, Nafornița

Mobility Related Protocols in IP Networks

BULETINUL STIINTIFIC AL UNIVERSITATII POLITEHNICA DIN
TIMISOARA-SERIA ELECTRONICA SI TELECOMUNICATII / SCIENTIFIC
BULLETIN OF THE POLITEHNICA UNIVERSITY OF TIMISOARA
TRANSACTIONS ON ELECTRONICS AND COMMUNICATIONS 49(63)
: 1 pp. 372-376. , 5 p. (2004)

Article (Journal Article) | Scientific

[2644885] [Admin approved]

78. R, Tönjes ; Cs, Simon ; T, Lohmar ; C, Janneteau ; P, Casagrande

Broadcast/Multicast Services in Multi-Access Architectures

In: *Proc. of the 12th Wireless World Research Forum (WWRF)*

(2004) pp. 111-116. , 6 p.

[Teljes dokumentum](#) [Other URL](#) [Handle](#)

Conference paper (Conference paper) | Scientific

[2644944] [Admin approved]

79.

Simon, Csaba ; Kersch, Péter ; Kovácsné, Zsolt

IPv6 többes-adás protokollok vizsgálata mobil környezetben

In: 14. Távközlési és Informatikai Hálózatok Szeminárium és
Kiállítás

(2004) pp. 175-185. , 11 p.

Conference paper (Conference paper) | Scientific

[2644916] [Admin approved]

80.

Simon, Csaba

Network Composition in Ambient Networks (2004)

Information Society Technologies Beyond 3G System Architectures
2nd Cluster Meeting, Lyon, Franciaország, 2004.6.29,

[Teljes dokumentum](#) [Other URL](#) [Handle](#)

Not classified (Miscellaneous) | Scientific

[2667972] [Admin approved]

81.

Carol, Gine ; Christophe, Janneteau ; Thorsten, Lohmar ; Paolo, Casagrande ; Pierrick, Seite ; [Csaba, Simon](#) ; Ralf, Tönjes ; Yu, Ming Tian ; [Rolland, Vida](#) ; Nadeem, Akhtar et al.

Concepts for Mobile Multicast in Hybrid Networks: OverDRiVE public deliverable WP2/D09 pp. 1-125. , 125 p. (2003)

IST-2001-35125/OverDRiVE/WP2/D09,

[Teljes dokumentum](#)

Technical report (published) (Miscellaneous) | Scientific
[2667303] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

82.

C, Janneteau ; Y, Tian ; [Cs, Simon](#) ; T, Lohmar ; H, -Y Lach ; R, Tafazolli

Comparison of Three Approaches Towards Mobile Multicast

In: *Proc. of the 12th IST Mobile and Wireless Communications Summit*

Aveiro, Portugal (2003) pp. 68-72. Paper: 1076 , 5 p.

[Teljes dokumentum](#) [Handle](#)

Conference paper (Conference paper) | Scientific
[2644950] [Admin approved]

All citations+mentions: 19, External citations: 18, Self citations: 1,
Unhandled citations: 0

83.

[Cs, Simon](#) ; G, Leijonhufvud ; T, Suihko ; Ph, Eardley ; A, Török

Moving Networks in the IST-MIND Project

In: *Proc. of the 12th IST Mobile and Wireless Communications Summit*

Aveiro, Portugal (2003) pp. 292-296. , 5 p.

[Teljes dokumentum](#) [Handle](#)

Conference paper (Conference paper) | Scientific
[2644895] [Admin approved]

84. Kersch, Péter ; Kürthy, Lóránt ; Simon, Csaba ; Vajda, Lóránt
IP mikromobilitási protokollok ad hoc kiterjesztésének tesztelése
HÍRADÁSTECHNIKA (1962) 58 : 4 pp. 20-27. , 8 p. (2003)
Article (Journal Article) | Scientific
[2625115] [Admin approved]

85.
Kovácsházi, Zsolt ; Kis, Lajos Zoltán ; Kersch, Péter ; Simon, Csaba ;
Vida, Rolland
Seamless Mobility Management in a Multicast Environment p. 8-5
(2003)
High Speed Networking '03 Autumn, Progress Workshop on
University Research, Budapest, 2003.11.27.-2003.11.28.,
Not classified (Miscellaneous) | Scientific
[2668447] [Admin approved]

86.
Péter, Kersch ; Csaba, Simon ; Lóránt, Vajda
Ad Hoc Extension for IP Radio Access Networks
In: Žilinska, Univerzita (eds.) 5th European Conference of Young
Researchers and Science Workers in Transport and
Telecommunications, TRANSCOM 2003 : Sect. 3
Žilina, Solna, Slovakia : Žilinská univerzita (2003) 268 p. pp. 191-
196. , 6 p.
Conference paper (Chapter in Book) | Scientific
[2625124] [Approved]

87.
A, Török ; Cs, Simon ; I, Moldován ; A, Vidács
*A Handoff Based Mobile Ad Hoc Routing Protocol with Mobility
Prediction*
In: Proceedings of High Speed Networking'02, International
Workshop
(2002) pp. 26-29. , 4 p.
Conference paper (Conference paper) | Scientific
[2667971] [Admin approved]

88.

Attila, Vidács ; Attila, Török ; Lóránt, Vajda ; Sándor, Kardos ; Csaba, Simon ; Róbert, Szabó

MANET Research Group pp. 11-1-11-25. (2002)

High Speed Networking '02 Autumn, Progress Workshop on University Research, Budapest, 2002.11.25.-2002.11.26.,

Not classified (Miscellaneous) | Scientific

[2668671] [Admin approved]

89.

Carol, Gine ; Christophe, Janneteau ; Thorsten, Lohmar ; Paolo, Casagrande ; Pierrick, Seite ; Csaba, Simon ; Attila, Török ; Yu, Ming Tian (eds.)

Current Approaches to IP Multicast in a Mobile Environment: OverDRiVE public deliverable WP2/D04 pp. 1-76. , 76 p. (2002)

IST-2001-35125/OverDRiVE/WP2/D04,

Teljes dokumentum

Technical report (published) (Miscellaneous) | Scientific

[2667302] [Admin approved]

90. Lakatos, J ; Nusser, P ; Vajda, L ; Simon, Cs ; Török, A

Az IEEE 802.11b alapú mobil hálózatok viselkedésének elemzése
HÍRADÁSTECHNIKA (1962) 57 : 10 pp. 15-22. , 8 p. (2002)

Full text Handle Matarka

Article (Journal Article) | Scientific

[2644918] [Approved]

91.

Lakatos, József ; Nusser, Péter ; Vajda, Lóránt ; Török, Attila ; Simon, Csaba

Evaluation of IEEE 802.11b WaveLAN MAC layer performance

In: Proceedings of High Speed Networking'02, International Workshop

(2002) p. 1

Conference paper (Conference paper) | Scientific

[2688831] [Admin approved]

92.

Ph, Eardley ; Cs, Keszei ; G, Leijonhufvud ; Cs, Simon ; T, Suihko ; A, Török ; L, Vajda

Management in MIND (MONET, MANET)

In: Mobile Networking Beyond 3G - International Workshop on MobileIP-based Network Developments

(2002) pp. 15-1-15-19.

Conference paper (Conference paper) | Scientific

[2644924] [Admin approved]

93.

Simon, CS ; Vidács, A ; Moldován, I ; Török, A ; Ishibashi, K ; Koike, A ; Ichikawa, H

End-to-End Relative Differentiated Services for IP Networks

In: Corradi, A; Daneshmand, M (eds.) 7th International Symposium on Computers and Communications, ISCC 2002 : Proceedings

Los Alamitos (CA), United States of America : IEEE Computer Society (2002) 1,051 p. pp. 783-788. , 6 p.

DOI IEEE Xplore [WoS](#) Teljes dokumentum

Conference paper (Chapter in Book) | Scientific

[209223] [Approved]

All citations+mentions: 9, External citations: 7, Self citations: 2, Unhandled citations: 0

94.

Simon, Csaba ; Attila, Vidács ; István, Moldován ; Attila, Török

End-to-End Relative Differentiated Services for IP Networks

In: Proceedings of High Speed Networking'02, International Workshop

(2002) pp. 72-75. , 4 p.

Conference paper (Conference paper) | Scientific

[2666531] [Admin approved]

95.

S, Székely ; G, Szűcs ; C, Simon ; I, Moldován ; S, Molnár

On the impact of link/node failures and network applications on the load and call processing times in ATM networks

PERIODICA POLYTECHNICA-ELECTRICAL ENGINEERING 46 : 1-2 pp. 99-122. , 24 p. (2002)

Scopus [Teljes dokumentum](#) Google scholar Google scholar hash
Article (Journal Article) | Scientific
[2625066] [Validated]All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

96.

Török, Attila ; Simon, Csaba ; Moldován, István ; Kardos, Sándor ;
Vajda, Lóránt*Improving TCP Performance in Mobile Ad Hoc Networks*In: Proceedings of High Speed Networking'02, International
Workshop

(2002) p. 1

Conference paper (Conference paper) | Scientific
[2688830] [Admin approved]

97.

Vajda, Lóránt ; Török, Attila ; Simon, Csaba ; Vidács, Attila

*QoS in Wired-cum-Wireless Scenarios*In: Proceedings of High Speed Networking'02, International
Workshop

(2002) p. 1

Conference paper (Conference paper) | Scientific
[2688828] [Admin approved]

98.

Vajda, Lóránt ; Török, Attila ; Simon, Csaba ; Vidács, Attila

*Performance Evaluation of a QoS Routing Protocol for Mobile Ad-Hoc Networks*In: Proceedings of High Speed Networking'02, International
Workshop

(2002) p. 1

Conference paper (Conference paper) | Scientific
[2688829] [Admin approved]

99.

A, Török ; Cs, Simon ; L, Vajda ; S, Kardos

A Code Distribution Framework for Active Mobile Ad Hoc Networks

In: Polish-Czech-Hungarian Workshop on Circuit Theory, Signal Processing and Telecommunications Network

(2001) pp. 1-5. Paper: 3 , 5 p.

Conference paper (Conference paper) | Scientific

[2667970] [Admin approved]

100.

Attila, Török ; István, Moldován ; Csaba, Simon

Improving TCP Performance in Mobile Ad Hoc Networks Using Mobility Prediction

In: Proceedings of the 3rd IEEE International Conference on Mobile and Wireless Communication Networks (MWCN 2001)

(2001) pp. 232-236. , 5 p.

Teljes dokumentum Other URL Handle

Conference paper (Conference paper) | Scientific

[2644948] [Admin approved]

101.

József, Bíró ; Róbert, Szabó ; István, Moldován ; Octavian, Pop ;

Csaba, Simon ; Attila, Török

Proportional Services for IP Networks pp. 1-89. , 89 p. (2001)

Budapest University of Technology and Economics Department of Telecommunications and Telematics, This work has been done in co-operation with NTT Co., Japan. NTT Co. Musashino R&D Center, NTT contact persons: Keisuke Ishibashi; Arata Koike,

Not classified (Miscellaneous) | Scientific

[2667090] [Admin approved]

102.

L, Láposi ; Cs, Simon ; L, Vajda

RSVP/QOSPF performance analysis

In: TRANSCOM (eds.) TRANSCOM 2001, Proceedings of the 4th European Conference of Young Research and Science Workers in Transport and Telecommunications : Section 2. Electrotechnics Žilina, Solna, Slovakia : University of Zilina (2001) 124 p. pp. 15-20. , 6 p.

Conference paper (Chapter in Book) | Scientific
[2644934] [Approved]

103.

L, Láposi ; T, Laczkó ; L, Vajda ; Cs, Simon

RSVP-QOSPF Simulations in ns

In: Proceedings of Polish - Czech - Hungarian Workshop on Circuit Theory, Signal Processing and Telecommunication Networks (2001) Paper: 10890/3534

[Teljes dokumentum Handle](#)

Conference paper (Conference paper) | Scientific
[2644936] [Admin approved]

104.

L, Vajda ; A, Török ; Cs, Simon ; A, Vidács

Performance Evaluation of a QoS Routing Protocol for Mobile Ad-Hoc Networks

In: Proceedings of Polish - Czech - Hungarian Workshop on Circuit Theory, Signal Processing and Telecommunication Networks (2001) pp. 65-71. , 7 p.

Conference paper (Conference paper) | Scientific
[2644938] [Admin approved]

105.

Simon, Csaba ; Attila, Török ; István, Moldován ; Octavian, Pop ; József, Bíró ; Keisuke, Ishibashi ; Arata, Koike

Proportional Services for IP Networks

In: HSNLab International Workshop : HSN2001 Spring (2001) pp. 52-59. , 8 p.

Conference paper (Conference paper) | Scientific
[2665716] [Admin approved]

106.

S, Székely ; G, Szűcs ; Cs, Simon

*Modelling of Call Processing in ATM Switches Based on Performance Measurements*In: IEEE International Conference on Telecommunications
(2001) pp. 327-335. , 9 p.Conference paper (Conference paper) | Scientific
[2644931] [Admin approved]All citations+mentions: 1, External citations: 0, Self citations: 1,
Unhandled citations: 0

107.

Török, Attila ; Vajda, Lóránt ; Kardos, Sándor ; Simon, Csaba ;
Jakubinyi, Zsolt*QoS Issues in Mobile Ad Hoc Networks*In: High Speed Networks Laboratory HSN Workshop 2001
Balatonfured, Hungary (2001) p. 1Conference paper (Conference paper) | Scientific
[2688833] [Admin approved]

108. Vajda, Lóránt ; Török, Attila ; Simon, Csaba

*Evaluation of Quality of Service Routing in MANETs*In: High Speed Networks Laboratory HSN Workshop 2001
Balatonfured, Hungary (2001) p. 1Conference paper (Conference paper) | Scientific
[2688834] [Admin approved]

109.

Attila, Török ; Csaba, Simon ; Marius, Otesteanu

*ATM Security Issues*In: Proc. of the Symposium on Electronics and
Telecommunications (ETc.2000)

(2000) pp. 86-91. , 6 p.

Conference paper (Conference paper) | Scientific
[2644922] [Admin approved]

110.

Attila, Török ; Csaba, Simon ; Marius, Otesteanu

Extension to an ATM Security Method

In: Proceedings of International Conference on Software, Telecommunications and Computer Networks (Softcom 2000) (2000) pp. 583-591. , 9 p.

Teljes dokumentum [Other URL Handle](#)

Conference paper (Conference paper) | Scientific
[2644940] [Admin approved]

111.

Csaba, Simon ; Attila, Török

ATM Security with Firewalls

In: Proc. of the 5th IEEE Symposium on Computers and Communications (ISCC 00) (2000) pp. 186-191. , 6 p.

DOI [ACM Digital Library](#) [WoS](#) [Scopus](#) [Handle](#)

Conference paper (Conference paper) | Scientific
[2644942] [Approved]

All citations+mentions: 1, External citations: 0, Self citations: 1,
Unhandled citations: 0

112.

Csaba, Simon ; Octavian, Pop ; Attila, Torok ; Tamas, Mahr ; Tamas, Ulrich ; Timea, Dreilinger ; Jozsef, Biro ; Arata, Koike

Transport Middleware for TCP Flow Control

In: Proceedings of the High Speed Networking'00, International Workshop

(2000) pp. 1-5. , 5 p.

Conference paper (Conference paper) | Scientific
[2667977] [Admin approved]

113.

Cs, Simon ; S, Székely ; K, Németh

Point-to-Multipoint ATM Signalling Performance Measurements

In: Kouvatsos, D. D. (eds.) 8th IFIP Workshop on Performance

Modelling and Evaluation of ATM & IP Networks

[s.l.], International : s.n. (2000) pp. W17/1-W17/10.

Conference paper (Chapter in Book) | Scientific

[2644927] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,

Unhandled citations: 0

114.

Lóránt, Vajda ; József, Mikus ; Sándor, Rácz ; Csaba, Simon ; Ádám, Marquetant ; Csaba, Lukovszki

QoS guarantee on the Internet (Szolgáltatásminőség biztosítása az interneten)

MAGYAR TÁVKÖZLÉS: A MAGYAR TÁVKÖZLÉSI VÁLLALAT LAPJA 11 :

5 pp. 23-27. , 5 p. (2000)

Article (Journal Article) | Scientific

[2644917] [Approved]

115.

L, Vajda ; Cs, Simon ; M, Naornita

Effects of routing protocols on the performance of Integrated Services Networks

In: Proc. of the Symposium on Electronics and Telecommunications (ETc.2000)

(2000) pp. 32-38. , 7 p.

Conference paper (Conference paper) | Scientific

[2644920] [Admin approved]

116.

O, Pop ; I, Moldován ; Cs, Simon ; J, Bíró ; A, Koike ; H, Ishii
Advertised Window-based TCP flow Control in Routers: Part 4
In: Harmen, R van As (eds.) *Telecommunication Network Intelligence*

Berlin, Germany : Kluwer; Kluwer Academic Press (2000) pp. 197-218. , 22 p.

[DOI](#)

Chapter (Chapter in Book) | Scientific
[2620326] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

117.

O, Pop ; I, Moldován ; Cs, Simon ; J, Bíró ; A, Koike ; H, Ishii
Advertised Window-based TCP flow Control in Routers
In: *IFIP SmartNet 2000*

(2000) pp. 197-219. , 23 p.

Conference paper (Conference paper) | Scientific
[2620702] [Admin approved]

All citations+mentions: 1, External citations: 1, Self citations: 0,
Unhandled citations: 0

118.

[Attila, Török ; Lajos, F ; Csaba, Simon](#)
Aspects of ATM Security p. 54 (1999)

High Speed Networking '99 Spring and Ericsson Simulation
Techniques and Performance Analysis, International Joint
Workshop, Balatonfüred, Magyarország, 1998.05.09-1998.05.12,
Not classified (Miscellaneous) | Scientific

[2668446] [Admin approved]

119.

Csaba, Simon ; Attila, Török ; Hiroshi, Saito

Self-sizing Networks – Simulations Based on On-line Traffic Measurements pp. 52-53. , 2 p. (1999)

High Speed Networking '99 Spring and Ericsson Simulation Techniques and Performance Analysis, International Joint Workshop, Balatonfüred, Magyarország, 1998.05.09-1998.05.12,
Not classified (Miscellaneous) | Scientific
[2667976] [Admin approved]

120.

Molnár, György ; Simon, Csaba ; Blázsovcics, Csaba

Point-to-Multipoint ATM Signalling Performance Measurements pp. 1-1. , 1 p. (1999)

BME HSN Lab.,

Not classified (Miscellaneous) | Scientific
[2659160] [Admin approved]

121. I, Moldován ; Cs, Simon ; G, Gordos ; T, Henk ; F, Baumann

*ATM kapcsolók jelzésrendszerének teljesítmény vizsgálata*In: Bakonyi, P (eds.) *Networkshop 1998*

(1998) pp. 78-83. , 6 p.

[Teljes dokumentum Handle](#)

Conference paper (Conference paper) | Scientific
[2644932] [Admin approved]

122.

S, Székely ; Cs, Simon ; G, Szűcs

Performance Testing on Switched Virtual Connections in ATM Networks

In: Proc. of the 6th IFIP Workshop on Performance Modelling and Evaluation of ATM Networks (PMEAN'98)

(1998) pp. 102/1-102/10.

[Teljes dokumentum Handle](#)

Conference paper (Conference paper) | Scientific
[2644926] [Admin approved]

All citations+mentions: 1, External citations: 0, Self citations: 1,
Unhandled citations: 0

123.

S, Székely ; I, Moldován ; Cs, Simon

Overload Generated by Signalling Message Flows in ATM Networks

In: Ulf, Körner; Arne, Nilsson (eds.) Performance of Information and Communication Systems : IFIP TC6 / WG6.3 Seventh

International Conference on Performance of Information and

Communication Systems (PICS '98) 25–28 May 1998, Lund, Sweden

Boston (MA), United States of America : Springer US (1998) 348 p.

pp. 51-64. , 14 p.

ACM Digital Library

Conference paper (Chapter in Book) | Scientific

[2644929] [Admin approved]

All citations+mentions: 2, External citations: 1, Self citations: 1,

Unhandled citations: 0

2025-10-06 20:04