

HORIZON
2020

FUTEBOL: Federated Union of Telecommunications Research Facilities for an EU-Brasil Open Laboratory

Risultati

Informazioni relative al progetto

FUTEBOL

ID dell'accordo di sovvenzione: 688941

[Sito web del progetto](#)

DOI

[10.3030/688941](https://doi.org/10.3030/688941)

Progetto chiuso

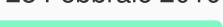
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THE PROVOST, FELLOWS,
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OF THE COLLEGE OF THE HOLY
& UNDIVIDED TRINITY OF
QUEEN ELIZABETH NEAR
DUBLIN



Ireland

CORDIS fornisce collegamenti ai risultati finali pubblici e alle pubblicazioni dei progetti ORIZZONTE.

I link ai risultati e alle pubblicazioni dei progetti del 7° PQ, così come i link ad alcuni tipi di risultati specifici come dataset e software, sono recuperati dinamicamente da [OpenAIRE](#) .

Risultati finali

Documents, reports (17)



[Dissemination and exploitation final report ↗](#)

This public deliverable will report on dissemination and exploitation activities during the second eighteen months of the project. The leader of this Deliverable is UFMG. The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[Dissemination and exploitation mid-project report ↗](#)

This deliverable will report on dissemination and exploitation activities during the first eighteen months of the project.

[Specification of FUTEBOL use cases, requirements, and architecture definition ↗](#)

This deliverable specifies the use cases driving optical/wireless integration, the requirements of the FUTEBOL framework, and the reference architecture of the FUTEBOL platform.

[Quality assurance plan and risk assessment ↗](#)

This deliverable provides consortium participants with the quality relevant guidelines, to be consulted in the course of the project. This deliverable also defines a risk management strategy for the project, including a contingency matrix, which identifies risks, their probabilities, and corrective actions to be taken. The leader of this Deliverable is UFGRS . The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[FUTEBOL federation functionality ↗](#)

This deliverable outlines the FUTEBOL federation tools for access and provisioning. The leader of this Deliverable is UFRGS. The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[Dissemination and exploitation plan ↗](#)

This deliverable outlines the dissemination and exploitation responsibilities of FUTEBOL partners. The leader of this Deliverable is UFC. The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[Research Infrastructures and connectivity in Brazil and Europe ↗](#)

This deliverable describes the research infrastructure and associated physical interconnections developed within FUTEBOL. The leader of this Deliverable is UFES. The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[Year 2 periodic project report](#) ↗

This report covers the scientific-technical work progress and financial details during the second year of the project. The report includes an updated plan for the dissemination and exploitation of results.

[Control framework design](#) ↗

This deliverable reports on the design of the infrastructure convergence and experimenter portal for the FUTEBOL control framework.

[Additional experiment description and results](#) ↗

This deliverable presents the final batch of innovation experiments of the project. The leader of this Deliverable is UNICAMP . The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[Year 1 periodic project report](#) ↗

This deliverable covers the scientific-technical work progress and financial details during the first year of the project. The report includes a plan for the dissemination and exploitation of results. This report also stipulates the guidelines for IPR management within the FUTEBOL project.

[Initial experiment description and results](#) ↗

This deliverable presents the first batch of innovation experiments of the project.

[Documented control framework](#) ↗

This software deliverable complements D4.2 with the finalized open source code of the framework, including full documentation. The leader of this Deliverable is UFES. The coordinator appears as the leader for administrative reasons only, as the system prevents us from entering one of the Brazilian partners as WP leader.

[Specification of FUTEBOL showcases](#) ↗

This deliverable specifies the FUTEBOL showcases.

[Outreach, extension, and sustainability plan](#) ↗

This deliverable reports the outreach, extensions, and sustainability actions and plans for FUTEBOL to outlive its initial funding.

[Implementation and validation of control framework](#) ↗

This deliverable reports on the implementation and validation of the FUTEBOL control framework.

[Final project report ↗](#)

This deliverable covers the scientific-technical work progress and financial details of the entire project. The report includes a final plan for the exploitation of results beyond the FUTEBOL project.

Pubblicazioni

Conference proceedings (73) ▼

Performance Evaluation of OpenFlow Data Planes

Autori: Leonardo Chinelate Costa, Alex Borges Vieira, Erik Silva, Daniel Fernandes Macedo, Geraldo Cesar Carvalho Gomes, Luiz Henrique Correia, Luiz Filipe Vieira

Pubblicato in: Proceedings of the 2017 IFIP/IEEE International Symposium on Integrated Network Management (IM 2017), Numero 07.05.2017, 2017

Editore: IEEE

Adaptive Monte Carlo Algorithm to Global Radio Resources Optimization in H-CRAN

Autori: Matias A. K. Schimuneck, Maicon Kist, Juergen Rochol, Ana Carolina Ribeiro-Teixeira and Cristiano Bonato Both

Pubblicato in: IEEE International Conference on Communications (ICC) 2017, Numero 21.05.2017, 2017, ISSN 1550-3607

Editore: IEEE

[Maestro: An NFV Orchestrator for Wireless Environments Aware of VNF Internal Compositions ↗](#)

Autori: Ariel Galante Dalla-Costa, Lucas Bondan, Juliano Araujo Wickboldt, Cristiano Bonato Both, Lisandro Zambenedetti Granville

Pubblicato in: 2017 IEEE 31st International Conference on Advanced Information Networking and Applications (AINA), Numero 22.12.2016, 2017, Pagina/e 484-491, ISBN 978-1-5090-6029-0

Editore: IEEE

DOI: 10.1109/AINA.2017.126

A Cognitive Algorithm for Traffic Steering in LTE-LSA/Wi-Fi Resource Sharing Scenarios

Autori: Jean Fernandez, Rafael Kunst, Juergen Rochol

Pubblicato in: IEEE International Conference on Communications (ICC) 2017,

Numero 20.05.2017, 2017

Editore: IEEE

[Integrating Wireless BBUs with Optical OFDM Flexible-Grid Transponders in a C-RAN Architecture](#)



Autori: Avishek Nag, Yi Zhang, Luiz DaSilva, Linda Doyle, Marco Ruffini

Pubblicato in: Optical Fiber Communication Conference, Numero 15.03.2017, 2017, Pagina/e M2G.2, ISBN 978-1-943580-23-1

Editore: OSA

DOI: 10.1364/ofc.2017.m2g.2

Softening Up the Network for Scientific Applications

Autori: Celio Trois , Luis C. Bona , Marcos D. Del Fabro , Magnos Martinello , Sarvesh Bidkar , Reza Nejabati, Dimitra Simeonidou

Pubblicato in: The 25th Euromicro International Conference on Parallel, Distributed, and Network-Based Processing, Numero 05.03.2017, 2017, ISSN 2377-5750

Editore: Euromicro

Dynamic Energy Savings in Cloud-RAN: An Experimental Assessment and Implementation

Autori: Christian Bluemm, Yi Zhang, Pedro Alvarez, Marco Ruffini and Luiz A. DaSilva

Pubblicato in: IEEE International Conference on Communications (ICC) workshop 2017, Numero 20.05.2017, 2017

Editore: IEEE

BitMatrix: Ferramenta para Geração de Matrizes de Tráfego Ingresso-Egresso usando Bitmaps

Autori: Brunner K. Nogueira, Fernando F. Silveira, Renato Elias Nunes Moraes, Rodolfo Villaca

Pubblicato in: VIII Computer on The Beach, Numero 06.05.2017, 2017

Editore: Sociedade Brasileira de Computação (SBC)

[Demonstration of NFV Content Delivery using SDN-enabled virtual infrastructures](#)

Autori: ALI Hammad, Alejandro Aguado, Koteswararao Kondepudi, Yue Zong, Shuangyi Yan, Reza Nejabati, Dimitra E. Simeonidou

Pubblicato in: Optical Fiber Communication Conference, Numero 19.03.2017, 2017, Pagina/e Tu3L.11, ISBN 978-1-943580-23-1

Editore: OSA

DOI: 10.1364/OFC.2017.Tu3L.11

Caracterizando Estratégias de Domínio Espacial para Gerenciamento de Regras em Redes Definidas por S

Autori: Gustavo de Araújo, Marcelo Marotta, Juliano Wickboldt, Cristiano Both, Luciano Paschoal Gaspary, Juergen Rochol, Lisandro Zambenedetti Granville

Pubblicato in: XXXV Brazilian Symposium on Computer Networks and Distributed Systems, Numero 13.05.2017, 2017
Editore: Sociedade Brasileira de Computação (SBC)

Demo Abstract: Assessing the Impact of Fog and Cloud Computing on an IoT Service Running over an Opt

Autori: Aloizio P. Silva, Bernardo A. Abreu, Erik de Britto e Silva, Marcos Carvalho, Matheus Nunes, Marcelo Marotta, Ali Hammad, Carlos F. M. Silva, João F. N. Pinheiro, Cristiano B. Both, Johann M. Marquez-Barja, and Luiz A. DaSilva

Pubblicato in: 2017 IEEE Conference on Computer Communications Poster and Demo (INFOCOM'17 Poster/Demo), Numero 01.05.2017, 2017

Editore: IEEE

Impact of Fog and Cloud Computing on an IoT Service Running over an Optical/Wireless Network Testbed

Autori: Aloizio P. Silva, Bernardo A. Abreu, Erik B. Silva, Marcos Carvalho, Matheus Nunes, Marcelo Marotta, Ali Hammad, Carlos F. M. Silva, João F. N. Pinheiro, Cristiano B. Both, Johann M. Marquez-Barja, and Luiz A. DaSilva

Pubblicato in: 2017 IEEE INFOCOM International Workshop on Computer and Networking Experimental Research Using Testbeds, Numero 01.05.2017, 2017

Editore: IEEE

Experiments Overview of the EU-Brazil FUTEBOL Project

Autori: Paulo Marques (Instituto de Telecomunicações, Portugal); Carlos Filipe Moreira e Silva (Federal University of Ceará, Brazil); Valerio Frascolla (Intel Deutschland GmbH, Germany); Edmundo Madeira (State University of Campinas, Brazil); Cristiano Bonato Both (Federal University of Health Sciences of Porto Alegre, Brazil); Moises R. N. Ribeiro (Federal University of Espírito Santo, Brazil); Pekka A

Pubblicato in: 26th European Conference on Networks and Communications (EuCNC), Numero 13.06.2017, 2017

Editore: EuCNC

Avoiding Free Riders in the Cloud Federation Highways

Autori: Márcio R. M. Assis, Luiz F. Bittencourt

Pubblicato in: 7th International Conference on Cloud Computing and Services Science (CLOSER), Numero 23.04.2017, 2017

Editore: SCITEPRESS

A Robust Scheduler under Uncertainties of Available Bandwidth in Inter-Cloud Links for Workflow Ensembles in Hybrid Clouds

Autori: Thiago A. L. Genez, Luiz F. Bittencourt, Rizos Sakellariou, Edmundo R. M. Madeira

Pubblicato in: IEE CLOUD, Numero 25.06.2017, 2017

Editore: IEEE

Allocation of Control Resources with Preamble Priority Awareness for Human and Machine Type Communications in LTE-Advanced Networks

Autori: Carlos A. Astudillo, Tiago C. P. Andrade, Nelson L. S. da Fonseca

Pubblicato in: IEEE International Conference on Communications, Numero 21.05.2017, 2017

Editore: IEEE

NFV em Redes 5G: Avaliando o Desempenho de Composições de Funções Virtualizadas via Maestro

Autori: Ariel Galante Dalla-Costa, Matias A. K. Schimuneck, Juliano Araujo Wickboldt, Cristiano Bonato Both, Luciano Paschoal Gaspary, Lisandro Zambenedetti Granville

Pubblicato in: XXXV Simpósio Brasileiro de Redes de Computadores e Sistemas Distribuídos (SBRC 2017), Numero 18.05.2017, 2017

Editore: Sociedade Brasileira de Computação

GRASP Aplicado ao Problema do Conjunto Mínimo de Observadores para Monitoramento de Redes

Autori: F. F. Silveira, D. Cardoso., R. Villaça, R. E. N. Moraes

Pubblicato in: XLIX Brazilian Symposium on Operational Research, Numero 27.08.2017, 2017

Editore: SBPO

EstGeoMag: Integrando soluções de Hardware, Software e Internet das Coisas na medição de grandezas G

Autori: F. F. Oliveira, R. S. Villaça, C. A. Santos, R. Colistete Jr

Pubblicato in: XLIV Seminar on Software and Hardware Integration (SEMISH), Numero 02.07.2017, 2017

Editore: CSBC

Implementação de um Comutador KeyFlow 10Gbps para Redes Definidas por Software

Autori: M. C. de Souza, N. de Oliveira, A. M. Alberti, M. R. N. Ribeiro

Pubblicato in: Comutador KeV Workshop of Communication in Critical Embedded Systems (WoCCES) at XXXV Brazilian Symposium on Computer Networks and Distributed Systems, Numero 14.05.2017, 2017

Editore: Sociedade Brasileira de Computação (SBC)

How can emerging applications benefit from EaaS in open programmable infrastructures?

Autori: Roberta Lima Gomes et. al

Pubblicato in: IEEE Summer School on Smart Cities, Numero 10.08.2017, 2017

Editore: IEEE

Proposta e Implementação de um Framework de Controle para Testbeds Federados que Integram Nuvem SDN

Autori: I. D. A. Ceravolo, D. G. Cardoso, C. K. Domincini, R. D. S. Villaça, M. R. N. Ribeiro, M. Martinello

Pubblicato in: VIII Workshop de Pesquisa Experimental da Internet do Futuro (WPEIF 2017) at XXXV Brazilian Symposium on Computer Networks and Distributed Systems, Numero 15.05.2017, 2017

Editore: Sociedade Brasileira de Computação (SBC)

TV White Spaces and Licensed Shared Access applied to the Brazilian context

Autori: Raphael B. Evangelista, Carlos F. M. e Silva, Francisco R. P. Cavalcanti, and Yuri C. B. Silva

Pubblicato in: 12th EAI International Conference on Cognitive Radio Oriented Wireless Networks, Numero 19.09.2017, 2017

Editore: Springer International Publishing

[A multilayer link quality estimator for reliable machine-to-machine communication](#) ↗

Autori: Wendley S. da Silva, Daniel F. Macedo, Michele Nogueira, Thi Mai Trang Nguyen, Jose Marcos S. Nogueira

Pubblicato in: 2017 IEEE 28th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC), Numero 08.10.2017, 2017, Pagina/e 1-7, ISBN 978-1-5386-3531-5

Editore: IEEE

DOI: 10.1109/PIMRC.2017.8292626

Impacto da Latência em Sistemas Cyber-Físicos em Nuvem: Métricas Subjetiva e Objetiva para Andador R

Autori: MELLO, R. C.; JIMENEZ, M. F.; SOUZA, F. V.; RIBEIRO, M. R. N.; FRIZERA-NETO, A.

Pubblicato in: XIII Simpósio Brasileiro de Automação Inteligente, Numero 03.10.2017, 2017, ISSN 2175-8905

Editore: Sociedade Brasileira de Automação

Class of Service in Fog Computing

Autori: GUEVARA, J. C. ; BITTENCOURT, L. F. ; FONSECA, N. L. S.

Pubblicato in: IEEE Latin-American Conference on Communications, Numero 08.11.2017, 2017

Editore: IEEE

An adaptive mechanism for LTE P-GW virtualization using SDN and NFV

Autori: L. Chaves, I. Garcia, E. Madeira

Pubblicato in: International Conference on Network and Service Management (CNSM), Numero 26.11.2017, 2017

Editore: IEEE

Programmable residues defined networks for edge data centres ↗

Autori: Magnos Martinello, Alextian B. Liberato, Arash Farhadi Beldachi, Koteswararao Kondepu, Roberta L. Gomes, Rodolfo Villaca, Moises R. N. Ribeiro, Yan Yan, Emilio Hugues-Salas, Dimitra Simeonidou

Pubblicato in: 2017 13th International Conference on Network and Service Management (CNSM), Numero 26.11.2017, 2017, Pagina/e 1-9, ISBN 978-3-901882-98-2

Editore: IEEE

DOI: 10.23919/CNSM.2017.8255987

Optical and wireless network convergence in 5G systems – an experimental approach ↗

Autori: Paulo Marques, Alexandre P. do Carmo, Valerio Frascolla, Carlos Silva, Emanuel D. R. Sena, Raphael Braga, Joao Pinheiro, Carlos A. Astudillo, Tiago P. C. de Andrade, Eduardo S. Gama, Luiz F. Bittencourt, Leandro A. Villas, Edmundo R. M. Madeira, Nelson L. S. da Fonseca, Cristiano Both, Gabriel Lando, Matias Schimuneck, Juliano Wickboldt, Ana P. V. Trevisan, Rafael de Jesus Martins, Raquel F. Vassa

Pubblicato in: 2018 IEEE 23rd International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD), 2018, Pagina/e 1-5, ISBN 978-1-5386-6151-2

Editore: IEEE

DOI: 10.1109/camad.2018.8514972

FS-MAC: A flexible MAC platform for wireless networks ↗

Autori: Jefferson R. S. Cordeiro, Daniel F. Macedo, Luiz F. M. Vieira

Pubblicato in: 2018 IEEE Wireless Communications and Networking Conference (WCNC), 2018, Pagina/e 1-6, ISBN 978-1-5386-1734-2

Editore: IEEE

DOI: 10.1109/wcnc.2018.8376981

PRACH Power Control Mechanism for Improving Random-Access Energy Efficiency in Long Term Evolution ↗

Autori: Fernando H. S. Pereira, Carlos A. Astudillo, Tiago P. C. De Andrade, Nelson L. S. Da Fonseca

Pubblicato in: 2018 IEEE 10th Latin-American Conference on Communications (LATINCOM), 2018, Pagina/e 1-6, ISBN 978-1-5386-6754-5

Editore: IEEE

DOI: 10.1109/latincom.2018.8613252

Internet of Things for Environmental Monitoring Based on Radio Over Fiber ↗

Autori: Carlos A. Astudillo, Tiago P.C. de Andrade, Eduardo S. Gama, Luiz F. Bittencourt, Leandro A. Villas, Edmundo R.M. Madeira, Nelson L.S. da Fonseca

Pubblicato in: 2018 IEEE 4th International Forum on Research and Technology for Society and Industry (RTSI), 2018, Pagina/e 1-6, ISBN 978-1-5386-6282-3

Editore: IEEE

DOI: 10.1109/rtsi.2018.8548384

[Dynamic Bandwidth Allocation with Multi-ONU Customer Support for Ethernet Passive Optical Networks](#) ↗

Autori: Oscar J. Ciceri, Carlos A. Astudillo, Nelson L.S. da Fonseca

Pubblicato in: 2018 IEEE Symposium on Computers and Communications (ISCC), 2018, Pagina/e 00230-00235, ISBN 978-1-5386-6950-1

Editore: IEEE

DOI: 10.1109/iscc.2018.8538711

[PASHE: Privacy Aware Scheduling in a Heterogeneous Fog Environment](#) ↗

Autori: Kaneez Fizza, Nitin Auluck, Omer Rana, Luiz Bittencourt

Pubblicato in: 2018 IEEE 6th International Conference on Future Internet of Things and Cloud (FiCloud), 2018, Pagina/e 333-340, ISBN 978-1-5386-7503-8

Editore: IEEE

DOI: 10.1109/ficloud.2018.00055

[Using Probabilistic Data Structures for Monitoring of Multi-tenant P4-based Networks](#) ↗

Autori: Regis F. T. Martins, Fabio L. Verdi, Rodolfo Villaca, Luis Fernando U. Garcia

Pubblicato in: 2018 IEEE Symposium on Computers and Communications (ISCC), 2018, Pagina/e 00204-00207, ISBN 978-1-5386-6950-1

Editore: IEEE

DOI: 10.1109/iscc.2018.8538352

[Towards a New Generation of Smart Devices for Mobility Assistance: CloudWalker, a Cloud-Enabled Cyber-Physical System](#) ↗

Autori: Ricardo Mello, Mario Jimenez, Franco Souza, Moises R. N. Ribeiro, Anselmo Frizera-Neto

Pubblicato in: 2018 7th IEEE International Conference on Biomedical Robotics and Biomechatronics (Biorob), 2018, Pagina/e 439-444, ISBN 978-1-5386-8183-1

Editore: IEEE

DOI: 10.1109/biorob.2018.8488077

[The CityLab testbed — Large-scale multi-technology wireless experimentation in a city environment: Neural network-based interference prediction in a smart city](#) ↗

Autori: Jakob Struye, Bart Braem, Steven Latre, Johann Marquez-Barja

Pubblicato in: IEEE INFOCOM 2018 - IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS), 2018, Pagina/e 529-534, ISBN 978-1-5386-5979-3

Editore: IEEE

DOI: 10.1109/INFCOMW.2018.8407018

Autori: Yi Zhang, Federico Barusso, Diarmuid Collins, Marco Ruffini, Luiz A. DaSilva

Pubblicato in: 2018 26th European Signal Processing Conference (EUSIPCO), 2018, Pagina/e 782-786, ISBN 978-9-0827-9701-5

Editore: IEEE

DOI: 10.23919/eusipco.2018.8552959

Autori: Victor M. Garcia Martinez, Ricardo C. Mello, Pedro Hasse, Moises R. N. Ribeiro, Magnos Martinello, Rafael S. Guimaraes, Valerio Frascolla

Pubblicato in: 2018 IEEE Symposium on Computers and Communications (ISCC), 2018, Pagina/e 00527-00530, ISBN 978-1-5386-6950-1

Editore: IEEE

DOI: 10.1109/iscc.2018.8538603

Autori: Matheus S. Castanho, Cristina K. Dominicini, Rodolfo S. Villacca, Magnos Martinello, R. N. Moises Ribeiro

Pubblicato in: 2018 IEEE Symposium on Computers and Communications (ISCC), 2018, Pagina/e 354-359, ISBN 978-1-5386-6950-1

Editore: IEEE

DOI: 10.1109/iscc.2018.8538593



Autori: Pedro Alvarez, Frank Slyne, Christian Bluemm, Johann M. Marquez-Barja, Luiz A. DaSilva, Marco Ruffini

Pubblicato in: Optical Fiber Communication Conference, 2018, Pagina/e Th2A.49, ISBN 978-1-943580-38-5

Editore: OSA

DOI: 10.1364/OFC.2018.TH2A.49

FS-MAC+: Troca flexível do protocolo de acesso ao meio em redes sem fio empregando aprendizado de máquina

Autori: André Gonçalves, Daniel F. Macedo, Luiz F. M. Vieira

Pubblicato in: Simpósio Brasileiro de Redes de Computadores e Sistemas Distribuídos, 2018

Editore: SBC

Monitoramento de Recursos para Aplicações de Robótica em Espaços Inteligentes baseados em uma Nuvem OpenStack

Autori: Pablo Santos, João Corrêa, Rodolfo Picoreti, Felipe Mendonça de Queiroz, Diego Cardoso, Alexandre do Carmo, Moises Ribeiro, Rodolfo Villaca

Pubblicato in: Anais do XXXVI Simpósio Brasileiro de Redes de Computadores e Sistemas Distribuídos - WCGA, 2018
Editore: Sociedade Brasileira de Computação (SBC)

Energy-Aware Slicing of Network Resources based on Elastic Demand through Daytime

Autori: GOMES, R. L., PONTE, F., URBANO, A. C., VASCONCELOS Jr., A., BITTENCOURT, L. F., MADEIRA, E. R. M.

Pubblicato in: 16th IFIP/IEEE Symposium on Integrated Network and Service Management (IM 2019), 2019

Editore: IEEE

Enabling experimental research through converged orchestration of optical, wireless, and cloud domains,

Autori: Cristina Klippel Dominicini, Magnos Martinello, Cristiano Bonato Both, Juliano Wickboldt Reza Nejabati, Daniel Macedo, Johann M. Marquez-Barja, and Luiz DaSilva

Pubblicato in: European Conference on Networks and Communications (EuCNC), 2018

Editore: EuCNC

Dispositivos conectados a serviço web em nuvem: complementariedade entre infraestrutura e seletividade para proteção contra DDoS

Autori: João Corrêa, Epaminondas Aguiar de Sousa Júnior, Pablo Santos, Vivek Nigam, Iguatemi E. Fonseca, Magnos Martinello, Moises Ribeiro, Rodolfo Villaca

Pubblicato in: Anais do XXXVI Simpósio Brasileiro de Redes de Computadores e Sistemas Distribuídos - WSCDC, 2018

Editore: Sociedade Brasileira de Computação (SBC)

[MyiFogSim - A Simulator for Virtual Machine Migration in Fog Computing](#) ↗

Autori: Márcio Moraes Lopes, Wilson A. Higashino, Miriam A.M. Capretz, Luiz Fernando Bittencourt

Pubblicato in: Companion Proceedings of the 10th International Conference on Utility and Cloud Computing - UCC '17 Companion, 2017, Pagina/e 47-52, ISBN 9781-450351959

Editore: ACM Press

DOI: 10.1145/3147234.3148101

EstAcqua: Proposta de solução integrada de Hardware, Software e Internet das Coisas para monitoramento ambiental

Autori: Alan Afif Helal, Roberto Colistete Júnior, Fábio da Cunha Garcia, Gilberto Fonseca Barroso, Rodolfo da Silva Villaça

Pubblicato in: 45º Seminário Integrado de Software e Hardware 2018 (SEMISH 2018), 2018

Editore: Sociedade Brasileira de Computação

Proactive Access Point Driven Handovers in IEEE 802.11 Networks

Autori: Ensar Zeljkovic, Johann M. Marquez-Barja, Andreas Kassler, Roberto Riggio, Steven Latre

Pubblicato in: 14th International Conference on Network and Service Management (CNSM18), 2018

Editore: IEEE

When optical networks meet wireless systems: experiments at the boundary

Autori: Valerio Frascolla; Carlos Colman-Meixner; Reza Nejabati; Dimitra Simeonidou; Frank Slyne; Yi Zhang; Magnos Martinello; Rafael Silva Guimaraes; Moises Ribeiro

Pubblicato in: IEEE Photonics in Switching and Computing 2018, 2018

Editore: Institute of Electrical and Electronics Engineers (IEEE)

O2CMF: Experiment-as-a-Service for Agile Fed4Fire Deployment of Programmable NFV

Autori: Isabella de A. Ceravolo ; Diego G. Cardoso ; Cristina K. Dominicini ; Pedro Hasse ; Rodolfo da S. Villaa; Moises R. N. Ribeiro; Magnos Martinello; Reza Nejabati; Dimitra Simeonidou

Pubblicato in: 2018 Optical Fiber Communications Conference and Exposition (OFC), 2018

Editore: IEEE

[Routing, Spectrum, Core and Modulation Level Assignment Algorithm for Protected SDM Optical Networks](#) ↗

Autori: Helder M. N. S. Oliveira, Nelson L. S. da Fonseca

Pubblicato in: GLOBECOM 2017 - 2017 IEEE Global Communications Conference, 2017, Pagina/e 1-6, ISBN 978-1-5090-5019-2

Editore: IEEE

DOI: 10.1109/glocom.2017.8254039

FWB: Funneling Wider Bandwidth Algorithm for High Performance Data Collection in Wireless Sensor Networks

Autori: Rodrigo C. Tavares, Marcos C. Carvalho, Marcos A. M. Vieira, Luiz F. M. Vieira, Bhaskar Krishnamachari

Pubblicato in: The 21st ACM International Conference on Modeling, Analysis and Simulation of Wireless and Mobile Systems (MSWiM), 2018

Editore: ACM

Uncovering the Perception of Urban Outdoor Areas Expressed in Social Media

Autori: Frances A. Santos, Thiago H. Silva, Antonio A. F. Loureiro, Leandro A. Villas

Pubblicato in: IEEE/WIC/ACM International Conference on Web Intelligence, 2018

Editore: IEEE

Hybrid Context-Aware Multimodal Routing

Autori: Diego O. Rodrigues, Joao T. Fernandes, Marilia Curado, Leandro A. Villas

Pubblicato in: 2018 21st International Conference on Intelligent Transportation Systems (ITSC), 2018, Pagina/e 2250-2255, ISBN 978-1-7281-0323-5

Editore: IEEE

DOI: 10.1109/itsc.2018.8570008

A Network Slicing Component for LTE Uplink Transmission

Autori: Pedro H. A. Rezende, Edmundo R. M. Madeira

Pubblicato in: 2018 IEEE Symposium on Computers and Communications (ISCC), 2018, Pagina/e 00865-00870, ISBN 978-1-5386-6950-1

Editore: IEEE

DOI: 10.1109/iscc.2018.8538556

Data Dissemination Based on Complex Networks' Metrics for Distributed Traffic Management Systems

Autori: Joahannes Costa, Denis Rosario, Allan M. de Souza, Leandro A. Villas, Eduardo Cerqueira

Pubblicato in: 2018 IEEE Symposium on Computers and Communications (ISCC), 2018, Pagina/e 01062-01067, ISBN 978-1-5386-6950-1

Editore: IEEE

DOI: 10.1109/iscc.2018.8538601

Wireless Channel Assignment in Smart Home

Autori: Francisco R. P. da Ponte, Kilvia L. A. de Almeida, Rafael L. Gomes, Joaquim Celestino, Walisson F. Pereira, Nelson L. S. da Fonseca

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Autori: Iago Medeiros, Wellington Lobato Junior, Denis Rosario, Eduardo Cerqueira, Torsten Braun, Leandro A. Villas

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Editore: IEEE

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Decoupling Resource Ownership From Service Provisioning to Enable Ephemeral Converged Networks (ECNs)

Autori: Johann M. Marquez-Barja, Marco Ruffini, Nicholas Kaminski, Nicola Marchetti, Linda Doyle, and Luiz A. DaSilva

Pubblicato in: 25th European Conference on Networks and Communications (EuCNC), Numero 27.06.2016 - 30.06.2017, 2016, Pagina/e 1-5, ISBN 9781-509028948

Editore: IEEE

[Dynamic Backhauling within Converged Networks](#) ↗

Autori: Alextian Liberato, Moisés Renato Nunes Ribeiro, Magnos Martinello, Johann M. Marquez-Barja, Nicholas Kaminski, Luiz A. DaSilva

Pubblicato in: Proceedings of the 2016 workshop on Fostering Latin-American Research in Data Communication Networks - LANCOMM '16, Numero 21.08.2016 - 25.08.2016, 2016, Pagina/e 31-33, ISBN 9781-450344265

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Autori: Rodolfo R. Gomes, Alextian B. Liberato, Cristina K. Dominicini, Moises R. N. Ribeiro, Magnos Martinello

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Editore: IEEE Computer Society

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Metherxis: Virtualized Network Functions for Micro-second Grade Latency Measurements

Autori: Diego R. Mafioletti, Alextian B. Liberatto, Rodolfo S. Villaça, Cristina K. Dominicini, Magnos Martinello and Moises R. N. Ribeiro

Pubblicato in: ACM SIGCOMM Workshop on Fostering Latin-American Research in Data Communication Networks (LANCOMM), 2016, Numero 21.08.2016 - 25.08.2016, 2016

Editore: ACM

REUNI: Um algoritmo para REDuzir tabelas de encaminhamento e UNIfornizar a distribuição dos fluxos e

Autori: Dione S. A. Lima , Rafael S. Guimães , Alextian B. Liberato, Eros Spalla , Gilmar L. Vassoler, Magnos Martinello and Rodolfo S. Villaca

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Autori: Rafael S. Guimarães, Magnos Martinello, Cristina K. Dominicini, Dione S. A. Lima, Rodolfo S. Villaça and Moisés Renato N. Ribeiro

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Analytical Modeling Approach of Routing Deflection for Intra-domain Networks

Autori: Rodolfo R. Gomes, Cristina K. Dominicini, Alextian B. Liberato, Moisés R.N. Ribeiro and Magnos Martinello

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Autori: Diego Rossi Mafioletti , Alextian Bartholomeu Liberatto , Rodolfo da Silva Villaça, Cristina Klippe Dominicini, Magnos Martinello, Moises Renato Nunes Ribeiro.

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Editore: ACM

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Autori: Cristina Dominicini and Gilmar Vassoler and Moises R. N. Ribeiro and Magnos Martinello

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Avaliação de Desempenho da Plataforma NDN usando Hardware de Baixo Custo em Redes Residenciais

Autori: Diego J. W. Nogueira, Diego Rossi Mafioletti, and Rodolfo S. Villaça

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Autori: Hoßfeld, T., Skorin-Kapov, L., Heegaard, P.E., Varela, M., Chen, K.

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Autori: Allan Mariano de Souza, Leandro Aparecido Villas

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Autori: Celso A. R. L. Brennand, Felipe Domingos da Cunha, Guilherme Maia, Eduardo Cerqueira, Antonio A.F. Loureiro, Leandro A. Villas

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[Mobility-Aware Application Scheduling in Fog Computing](#) ↗

Autori: Luiz F. Bittencourt, Javier Diaz-Montes, Rajkumar Buyya, Omer F. Rana, Manish Parashar

Pubblicato in: IEEE Cloud Computing, Numero 4/2, 2017, Pagina/e 26-35, ISSN 2325-6095

Editore: Institute of Electrical and Electronics Engineers Inc.

DOI: 10.1109/MCC.2017.27

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Autori: Marcelo A. Marotta, Maicon Kist, Juliano A. Wickboldt, Lisandro Z. Granville, Juergen Rochol, Cristiano B. Both

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DOI: 10.1186/s13174-017-0068-x

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Autori: Cristina K. Dominicini, Gilmar L. Vassoler, Leonardo F. Meneses, Rodolfo S. Villaca, Moises R. N. Ribeiro, Magnos Martinello
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Editore: IEEE Communications Society
DOI: 10.1109/LWC.2017.2786226

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Autori: Klaas M. vd Zwaag, José L.C. Neves, Helder R.O. Rocha, Marcelo E.V. Segatto, Jair A.L. Silva
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DOI: 10.1016/j.optcom.2019.02.017

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Autori: Valerio Frascolla, Cristina Dominicini, Marcia Paiva, Gilles Caporossi, Marcelo Marotta, Moises Ribeiro, Marcelo Segatto, Magnos Martinello, Maxwell Monteiro, Cristiano Both
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DOI: 10.3390/app9010136

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Autori: Maicon Kist, Juliano Araújo Wickboldt, Lisandro Zambenedetti Granville, Juergen Rochol, Luiz A. DaSilva, Cristiano Bonato Both
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DOI: 10.1016/j.comnet.2019.01.021

[On Human-in-the-Loop CPS in Healthcare: A Cloud-Enabled Mobility Assistance Service ↗](#)

Autori: Ricardo C. de Mello, Mario F. Jimenez, Moises R. N. Ribeiro, Rodrigo Laiola Guimaraes, Anselmo Frizera-Neto

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DOI: 10.1017/s0263574719000079

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Autori: Alextian Liberato, Magnos Martinello, Roberta L. Gomes, Arash F. Beldachi, Emilio Salas, Rodolfo Villaca, Moises R. N. Ribeiro, Koteswararao Kondepudi, George Kanellos, Reza Nejabati, Alexander Gorodnik, Dimitra Simeonidou

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DOI: 10.1109/tnsm.2018.2876845

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Autori: Zoran Vujicic, Berta Neto, Ricardo Bastos, Antonio Teixeira, Jonathan Rodriguez

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[An Integrated Dead Reckoning with Cooperative Positioning Solution to Assist GPS NLOS Using Vehicular Communications ↗](#)

Autori: Pedro Nascimento, Bruno Kimura, Daniel Guidoni, Leandro Villas

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Autori: Ademar Akabane, Roger Immich, Richard Pazzi, Edmundo Madeira, Leandro Villas

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[A Survey on SDN Programming Languages: Toward a Taxonomy ↗](#)

Autori: Celio Trois, Marcos D. Del Fabro, Luis C. E. de Bona, Magnos Martinello

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TV White Spaces for Digital Inclusion in Brazil

Autori: Matheus F. S. do Nascimento, Raphael B. Evangelista, Carlos F. M. e Silva, Francisco R. P. Cavalcanti, André L. F. de Almeida and Yuri C. B. Silva.

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Autori: Tobias Hoßfeld ; Lea Skorin-Kapov ; Poul E. Heegaard ; Martin Varela

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Autori: Tobias Hoßfeld; Poul E. Heegaard; Martín Varela; Sebastian Möller

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Experimental wireless networking research using software-defined radios

Autori: A. D. Souza, A. F. F. Marques, D. F. Macedo, D. Collins, G. M. Júnior, J. R. S. Cordeiro, J. M. Marquez-Barja, J. A. M. Nacif, K. K. Coelho, L. R. M. Pinto, L. A. da Silva, L. F. M. Vieira, L. H. A. Correia, M. A. M. Vieira, P. Alvarez, and W. S. Silva

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Teoria e Prática na Virtualização de Funções de Redes em Ambiente de Nuvem

Autori: Epaminondas A. de Sousa Junior, João H. G. M. Corrêa, Isabella de A. Ceravolo, Rodrigo L. Guimarães, Magnos Martinello, Moisés R. N. Ribeiro

Pubblicato in: Livro de Minicursos, 2019

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Other (1)

Use cases for integrated wireless-optical infrastructures: the vision of the EU-Brazil funded research project FUTEBOL

Autori: Valerio Frascolla (INTEL), Tom Hauspy (INTEL), Paulo Marques (IT), Martin Varela (VTT), Pedro Alvarez (TCD), Johann M. Marquez-Barja (TCD), Marco Ruffini (TCD), Luiz DaSilva (TCD), Ali Hammad (UNIVBRIS), Cristiano Both (UFRGS), Jean Fernandez (UFRGS), Juliano (UFRGS), Marcelo Marotta (UFRGS), Moises Ribeiro (UFES), Pedro Hasse (UFES), Cristina Dominicini (UFES), Carlos Silva (UFC), Edmundo (UNICAM)

Pubblicato in: "s3GPP TSG-SA WG1 Meeting #77", Numero 13-17 February 2017, 2017

Editore: 3GPP

Altri prodotti di ricerca

Altri prodotti di ricerca tramite OpenAire (2)



[Comunicação dispositivo-a-dispositivo orientada a atributos para descarregamento de dados em redes celulares](#) ↗

Autori: Vinicius Fonsêca e Silva

Pubblicato in: Universidade Federal de Minas Gerais

[FUTEBOL control framework : enabling experimentation in convergent optical, wireless, and cloud infrastructures](#) ↗

Autori: Both, Cristiano; Guimaraes, Rafael S.; Slyne, Frank; Wickboldt, Juliano Araujo; Martinello, Magnos; Dominicini, Cristina; Martins, Rafael; Zhang, Yi; Cardoso, Diego; Villaca, Rodolfo; Ceravolo, Isabella; Nejabati, Reza; Marquez-Barja, Johann M.; Ruffini, Marco; DaSilva, Luiz A.

Pubblicato in: IEEE

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