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**Journal Publications**

1. **E Tego**, F Matera, V Attanasio, E Nastri - Experimental Verification on a Slicing Management Based on the mPlane Monitoring Plane With GPON Comparison – Journal Fiber and Integrated Optics, Publication date 2019/9/3, Volume 38, Issue 5, Pages 259-270
2. **E Tego**, C Carciofi, P Grazioso, V Petrini, S Pompei, F Matera, V Attanasio, E Nastri, E Restuccia - A measurement plane for optical networks to manage emergency events – Journal of Fiber and Integrated Optics- 2017/11/2 – Volume 36, Issue 6, pages 227-241, Publisher Taylor & Francis
3. **Edion Tego**, Francesco Matera, Donato del Buono, Experimental investigation on TCP throughput behavior, Journal of Fiber and Integrated Optics, 2016, Volume 35, Issue 2, Pages 72-85
4. Pedro Casas, Pierdomenico Fiadino, Sarah Wassermann, Stefano Traverso, Alessandro D’Alconzo, **Edion Tego**, Francesco Matera, Marco Mellia, Unveiling Network and Service Performance Degradation in the Wild with mPlane, IEEE Communications Magazin, 2016.
5. Rufini, M. Mellia, **E. Tego**, F. Matera – Multilevel Bandwidth Measurements and Capacity Exploitation in Gigabit Passive Optical Networks – Journal Communications, IET (Volume:8 , Issue: 18 ), 3357 - 3365, 11 dicembre 2014, DOI: 10.1049/iet-com.2014.0165
6. **Edion Tego**, Filip Idzikowski, Luca Chiaraviglio, Angelo Coiro and Francesco Matera – Journal of Electrical and Computer Engineering - Innovative Techniques for Power Consumption Saving in Telecommunication Networks - Facing the reality: validation of energy saving mechanisms on a testbed – Volume 2014 (2014), Article ID 806960 – <http://dx.doi.org/10.1155/2014/806960>

**Conference Publications**

1. **Edion Tego**, Vincenzo Attanasio, Francesco Matera - GNS-3 Emulation Platform to Study Wide Area Network Performance in Contexts Close to Reality - 2022 AEIT International Annual Conference (AEIT)
2. Francesco Matera, **Edion Tego** - Machine Learning for QoE and QoS Control of Slices in a Wide Area Network Test Bed - 2021 AEIT International Annual Conference (AEIT)
3. **Edion Tego**, Francesco Matera - Correlation among QoE/QoS and Network Degradations for Automatic Performance Recovery in a Wide Area Network Test Bed - 2019 10th International Conference on Networks of the Future (NoF), 118-121
4. **Edion Tego**, Francesco Matera, Luca Rea, Emanuele Nastri, Vincenzo Attanasio - Role of a Measurement Plane to Monitor and Manage QoS in Optical Access Networks - UFIO-2018-2190.R3
5. **Edion Tego**, Francesco Matera, V. Attanasio, E. Nastri - A Measurement Plane to Monitor and Manage Optical Access Networks, 2017 International Workshop on Fiber Optics in Access Network (FOAN)
6. **E Tego**, A Rufini, A Valenti, F Matera, M Mellia, S Traverso – Software defined network approach driven by the mPlane measurement plane – AEIT International Conference, 2016
7. M Mellia, S Traverso, **E Tego**, A Rufini, A Valenti, F Matera, M Scarpino, AE Kahveci, F Invernizzi - Quality of Service monitoring adopting correlation among active and passive measurements: The experience from the FP7 mPlane project - 2016 17th International Telecommunications Network Strategy and Planning Symposium (Networks) - IEEE
8. Matera F., **Tego E**., Del Buono D., Di Bartolo S., Attanasio V., "Sperimentazione di una rete regionale con controllo automatico del consumo energetico e della Qualità del Servizio per bande ultralarghe e diffusione della TV digitale", Workshop GARR 2014, Roma, 2-4 dicembre 2014.
9. Quality of Service Management based on Software Defined Networking Approach in wide GbE Networks, **Edion Tego**, Francesco Matera, Vincenzo Attanasio, Donato Del Buono - Euro Med Telco Conference 2014 - 53rd FITCE International Congress DOI: 10.1109/EMTC.2014.6996660
10. Exploiting Hybrid Measurements for Network Troubleshooting – Stefano Traverso, **Edion Tego**, Eike Kowallik, Stefano Raffaglio, Andrea Fregosi, Marco Mellia, Francesco Matera – In Proceedings NETWORKS 2014 - 16th International Telecommunications Network Strategy and Planning Symposium held in Funchal, Madeira Island, Portugal, September 17-19, 2014 . http://dx.doi.org/10.1109/NETWKS.2014.6959212
11. **E. Tego**, F. Matera – Fondazione Ugo Bordoni, D. Del Buono – ISCTI – Software Defined Networking Experimental Approach for Energy Saving in GbE Networks – Fotonica – 12 – 14 May 2014 Naples – Italy
12. Rufini, **E. Tego**, F. Matera - Fondazione Ugo Bordoni, M. Mellia - Politecnico di Torino – Bandwidth Measurements and Capacity Exploitation in Gigabit Passive Optical Networks – Fotonica – 12 – 14 May 2014 Naples – Italy
13. F. Idzikowski (TUB), **E. Tego**, F. Matera, A. Valenti (FUB), L. Chiaraviglio, A. Cianfrani, A. Coiro (CNIT-UniRoma1) – Energy saving mechanisms in metro/core and their validation on a testbed – TREND Final Workshop – Brussels, 24/10/2013
14. Michela Meo, Yi Zhang, Yige Hu, Ivaylo Haratcherev, Alberto Conte, Antonio Cianfrani, Luca Chiaraviglio, Angelo Coiro, **Edion Tego**, Francesco Matera – The TREND Experimental Activities on “green” Communication Networks. in : Digital Communications - Green ICT (TIWDC), 2013 24th Tyrrhenian International Workshop on ©IEEE (2013) 1 6 978-1-4799-0753-3 23-25 Sept. 2013 Genoa – D.O.I. 10.1109/TIWDC.2013.6664211

**Publications other (Poster & Scientific reports)**

1. Arianna Rufini, **Edion Tego**, Francesco Matera – Multilevel QoS vs QoE measurements and Verification of Service Level Agreements – EuCNC 2014 poster session (European Conference on Networks and Communications) Bologna – June 2014.
2. **Edion Tego**, Arianna Ruffini, Francesco Matera – Active measurements and limitation of TCP protocol during SLA test – Poster session Sixth International Workshop on TMA 2014 London 14 – 16 April 2014.
3. Dusi, M., S. Niccolini, A. Barbuzzi, M.. Milanesio, A. Finamore, B. Trammell, **E. Tego**, F. Matera, T. Szemethy, R. Winter, et al., Plans for Using and Disseminating mPlane Knowledge, , no. D7.2, Torino, mPlane Consortium, 11/2013.
4. D. Apile, E. Baralis, A. Finamore, L. Grimaudo, S. Traverso, V. Guchev, F. Matera, **E. Tego**, Z. Ben-Houidi, P. Michiardi, M. Milanesio, Y. Gong, D. Rossi, M. Dusi (ed.), S. Niccolini, S. Nikitaki, G. Dimopoulos, I. Leonfadis, Á. Bakay, T. Szemethy, A. Bär, P. Casas, A. D'Alconzo, P. Fiadino, D3.3 - Algorithm and Scheduler Design and Implementation
5. Alessandro Finamore, Marco Mellia, Maurizio Munafò, **Edion Tego**, Gianni De Rosa, Stefano Pentassuglia, Fabrizio Invernizzi, Marco Milanesio, Pellegrino Casoria, Danilo Cicalese, Dario Rossi, Maurizio Dusi, Saverio Niccolini, B. Szabó, T. Szemethy, Giorgos Dimopoulos, Ilias Leontiadis, Michael Faath, Rolf Winter, Bennoit Donnet, Korian Edeline, Yongjun Liao, Brian Trammel, Document Number: D2.2, Revision Date: 27 May 2014, Deliverable Type: RTD, Probe Measurement Primitives and Analysis Library - Initial Release
6. Papadimitriou, D., Z. Ben-Houidi, S. Ghamri-Doudane, D. Rossi, M.. Milanesio, P.. Casas, A. D’Alconzo, **E. Tego**, F. Matera, M. Dusi, et al., Design of Analysis Modules, , no. D4.1, Torino, mPlane Consortium, 11/2013, 318627-mPlane.
7. Ali Safari Khatouni, Stefano Traverso, Marco Mellia, Maurizio Mateo Munafò, **Edion Tego**, Gianni De Rosa, Stefano Pentassuglia, Fabrizio Invernizzi, Marco Milanesio, Pellegrino Casoria, Danilo Cicalese, Dario Rossi, Maurizio Dusi, Saverio Niccolini, Ilias Leontiadis, Matteo Varvello, Linas Baltrunas, Balázs Szabó, László Németh, Gábor Molnár, János Bartók-Nagy, Árpád Bakay, Michael Faath, Rolf Winter, Benoit Donnet, Korian Edeline, Yongjun Liao, Brian Trammel, Eike Kowallik, Final Implementation of Software and Libraries - Final Release, 318627-mPlane D2.3.
8. Finamore, A. S. Khatouni, S. Traverso, M. Mellia, V. Guchev, F. Matera, **E. Tego**, S. Pentassuglia, M. Milanesio (ed.), Y. Gong, D. Rossi, M. Dusi, M. Ahmed, K. Kutzkov, S. Nikitaki, I. Leontiadis, M. Varvello, L. Baltrunas, Á. Bakay, G. Rózsa, B. Szabó, P. Casas, A. Bär, P. Fiadino, A. D'Alconzo, E. Kowallik, Final Implementation and Evaluation of the Data Processing and Storage Layer. 318627-mPlane D3.4
9. P. Casas (editor), A. D’Alconzo, M. Dusi, S. Nikitaki, M. Ahmed, S. Traverso, M. Mellia, D. Apile, L. Grimaudo, E. Baralis, D. Rossi, D. Joumblatt, A. Capello, M. D’Ambrosio, F. Invernizzi, M. Ullio, A. Fregosi, E. Kowallik, S. Rafaglio, A. Sannino, M. Milanesio, **E. Tego**, F. Matera, T. Szemethy, B. Szabó, L. Németh, Z. Ben Houidi, G. Dimopoulos, I. Leontiadis, Y. Grunenburger, L. Baltrunas, M. Faath, R. Winter, D. Papadimitriou, Design of the Reasoner, D4.2, 25 Jul 2014, 318627-mPlane.
10. U. Manferdini, S. Traverso, M. Mellia, **E. Tego**, F. Matera, Z. Ben Houidi, M. Milanesio, P. Michiardi, D. Rossi, D. Cicalese, D. Joumblatt, J. Auge, M. Dusi, S. Nikitaki, M. Ahmed, I. LeonOadis, L. Baltrunas, M. Varvello, P. Casas, A. D'Alconzo, (editor) B. Donnet, W. Du, G. Leduc, Y. Liao, A. Capello, F. Invernizzi, D. Papadimitriou, Cross-Check of Analysis Modules and Reasoner Interactions, D4.3, 21 Apr 2015, 318627-mPlane.
11. P. Casas (editor), A. D’Alconzo, M. Dusi, S. Nikitaki, M. Ahmed, S. Traverso, M. Mellia, D. Apiletti, L. Grimaudo, E. Baralis, D. Rossi, D. Joumblatt, D. Cicalese, Y. Gong, A. Capello, M. D’Ambrosio, F. Invernizzi, M. Ullio, A. Fregosi, E. Kowallik, S. Rafaaglio, A. Sannino, M. Milanesio, **E. Tego**, F. Matera, T. Szemethy, B. Szabó, L. Németh, A?Bakay, Z. BenHouidi, I.Leontiadis, M. Varvello, L. Baltrunas, M. Faath, R. Winter, D. Papadimitriou, B. Donnet, Final Implementation of mPlane Reasoners and Analysis Modules, 318627-mPlane, D4.4, 15 Sep2015.
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