

Dimitris Dechouniotis

Dimitrios Dechouniotis is a PhD candidate in the Department of Electrical and Computer Engineering at the University of Patras, Greece. He received his diploma since 2004 from Electrical and Computer Engineering Department at the University of Patras and his Master of Science since 2006 from the National Technical University of Athens (NTUA), Greece in Automation Control & Robotics. His research revolves around network monitoring, modeling and resource control of services based on cloud computing infrastructure.

PUBLICATIONS

Journals

Dechouniotis D., Leontiou N., Dimitropoulos X., Kind A. and Denazis S., "Unveiling the underlying relationships over a network for monitoring purposes", Wiley International Journal of Network Management, vol. 19, issue 6, pp. 513-526, Nov/Dec 2009, DOI: 10.1002/nem.725.

Conferences

Dechouniotis, D., Leontiou, N., Athanasopoulos, N., Bitsoris, G., & Denazis, S., ACRA: A unified admission control and resource allocation framework for virtualized environments. In Proceedings of the *8th IEEE International Conference on Network and Service Management (CNSM)*, pp. 145-149, Oct. 2012.

Leontiou N., Dechouniotis D. and Denazis S., "Adaptive admission control of distributed cloud services", In Proceedings of the International Conference on Network and Service Management (CNSM), pp 318-321, Oct. 2010, DOI: 10.1109/CNSM.2010.5691214.

Workshops

Caracas A., Kind A., Gantenbein D., Fussenegger S. and Dechouniotis, D., "Mining semantic relations using NetFlow", In Proceedings of the 3rd IEEE/IFIP International Workshop on Business-driven IT Management (BDIM), pp 110-111, Jun. 2008, DOI: 10.1109/BDIM.2008.4540082.

Dechouniotis D., Dimitropoulos X., Kind A. and Denazis S., "Dependency detection using a fuzzy engine", In Proceedings of the 18th IEEE/IFIP International Workshop on Distributed Systems: Operations and Management (DSOM), pp 110-121, Oct. 2007, DOI: 10.1007/978-3-540-75694-1_10.

Patents

Bauer D., Dechouniotis D., Dimitropoulos X., Kind A., "Valley-free Shortest Path Method", United States Patent, Patent No. 7907596 B2, US2009/0141637 A1, Date of Patent 15/3/2011.

Technical report

Dimitrios Dechouniotis, Nikolaos Leontiou, Nikolaos Athanasopoulos, Athanasios Christakidis and Spyros Denazis, "An Autonomous Admission Control and Resource Allocation Framework for Consolidated Web Applications", <http://nam.ece.upatras.gr/sites/default/files/report.pdf> [1].

```
var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-35307132-1']);
_gaq.push(['_trackPageview']);
(function() {
  var ga = document.createElement('script');
  ga.type = 'text/javascript';
  ga.async = true;
  ga.src = ('https:' == document.location.protocol ?
```

```
'https://ssl' : 'http://www') + '.google-analytics.com/ga.js'; var s =  
document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s); })();
```

Source URL: <http://nam.ece.upatras.gr/index.php?q=node/49>

Links:

[1] <http://nam.ece.upatras.gr/sites/default/files/report.pdf>