

# MSc thesis defense presentation

## Θεόδωρος Παπαμακρίος defends his MSc thesis

<b>Date:</b>	Τετάρτη, 19 Ιούλιος 2017
<b>Ώρα:</b>	13:00
<b>Location:</b>	Σχολή Ηλεκτρολόγων Μηχανικών και Μηχανικών Υπολογιστών, ΕΜΠ (παλαιό κτίριο), 1.1.31
<b>Thesis title:</b>	<a href="#">Proof Complexity: A Tableau Perspective</a>
<b>Committee:</b>	<ul style="list-style-type: none"><li>• <a href="#">Αντώνιος Αγγιλώος</a></li><li>• <a href="#">Σταύρος Κοσμαδίκης</a></li><li>• <a href="#">Αριστέδης Παγουρτζής</a></li><li>• <a href="#">Ευσταθιος Ζήχος</a></li></ul>

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### Thesis abstract

The method of semantic tableaux (or simply tableaux) is arguably one of the most elegant proof systems. Unfortunately, it hasn't received much attention in the proof complexity literature, mainly due to early negative results, concerning the complexity of cut-free tableaux. We bring tableaux to the fore, introducing the measures of tableau depth and width. Equipped with these, we show in an elegant, uniform way several known results spanning proof complexity, from a tableau viewpoint.

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