

10/04/19

DIGEP PhD  
LUNCH  
SEMINAR

**Roger Warburton**

**Emeritus Professor  
Boston University, Boston, MA USA.**



**Estimating a Project's Duration:  
Theory & Practice**



**POLITECNICO  
DI TORINO**

Department of  
Management and  
Production Engineering

**ABSTRACT**

On all projects, everyone wants to know how much it will cost and how long it will take. This guest seminar will explore the practical and theoretical issues surrounding any attempt to answer to those questions. Roger begins with the fascinating tale of a troubled project that he was asked to analyze and describes his predictions of substantial cost and schedule overruns, which were met with confusion, then skepticism, and finally, disbelief. That experience led Roger to develop better approaches, both to the theory of estimation and its presentation.

Roger will next cover the basic theory of duration estimation and some surprising practical results that emerged once he had established a formal approach. He will then explore the practical ramifications. Finally, Roger will review some long-neglected theoretical results that throw light on modern project management estimation methods. Those results also suggest new and powerful methods for understanding the structure of projects and for improving cost and duration prediction methods.

**BIOGRAPHY**

Roger Warburton is an Emeritus Associate Professor from the Department of Administrative Sciences at Boston University's Metropolitan College. He taught Project Management and Supply Chain Management, both online and in the classroom, and was the curriculum coordinator for the Project Management program. Dr. Warburton has published extensively in Project Management; he specializes in new methods for cost and schedule estimation, and in providing practical guidance to working professionals. Recently, he published a formal algorithm for estimating a project's duration. Dr. Warburton has also published on the topic of Supply Chains; he developed an exact solution to the supply chain equations, which opened up new avenues for improved inventory management.

**Thursday**

**19/04/2019  
h. 12.00**

**Sala DIGEP B  
Politecnico di Torino  
Corso Duca degli Abruzzi, 24  
Torino**

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A light lunch will be offered to all participants at the end of the seminar