

**“The Onassis Foundation  
Science Lecture Series 2017 in Computer Science”**

“BIG DATA and Applications”

Heraklion, Crete, July 10 - 14, 2017

<b>Monday 10 July</b>	09:00 - 09:45	Registration
	09:45 - 10:00	Welcome
	10:00 -11:15	“Data: The World’s Most Valuable Resource”, by <b>Michael Brodie</b>
	11:15 -11:45	Break
	11:45 -13:00	“Big Data Exploration: From Abstraction to Zooming”, by <b>Yannis Ioannidis</b>
	13:00 -14:30	Lunch Break
	14:30 – 15:45	“Big Data and Data Science: State of the Art and Research Directions”, by <b>Michael Brodie</b>
<b>Tuesday 11 July</b>	09:30 -10:45	“The 800 Pound Gorilla of Big Data”, by <b>Michael Stonebraker</b>
	10:45 -11:15	Break
	11:15 -12:30	“Time is Money, But How Much? Elasticity and its Many Faces in Cloud-Based Big Data Processing”, by <b>Yannis Ioannidis</b>
	12:30 -14:00	Lunch Break
	14:00 – 15:15	“From Data Warehouses to Big Data: Is this a smooth road?”, by <b>Yannis Vassiliou</b>
<b>Wednesday 12 July</b>	09:30 -10:45	“Identifying the micro from the peta: tales of big data in the micro world. I”, by <b>Nikos Kyrpides</b>
	10:45 -11:15	Break
	11:15 -12:30	“Identifying the micro from the peta: tales of big data in the micro world. II”, by <b>Nikos Kyrpides</b>
	12:30 – 14:00	Lunch Break

20:00 “So you want to start a company. How to do it in 5 not-so-easy steps”,  
by **Michael Stonebraker** - PUBLIC LECTURE (in English)

**Thursday 13 July**

09:30 -10:45 “Analytics - 1”,  
by **Dimitris Bertsimas**

10:45 -11:15 B r e a k

11:15 -12:30 “Data Base Design is Completely Broken“,  
by **Michael Stonebraker**

12:30 – 14:00 Lunch Break

14:00 – 15:15 “Retrospection of Social Media Analytics”,  
by **Nick Koudas**

**Friday 14 July**

09:30 -10:45 “Analytics - 2”,  
by **Dimitris Bertsimas**

10:45 -11:15 B r e a k

11:15 -12:30 “Micro – architecture Analysis of Machine Learning Workload”,  
by **Nick Koudas**

12:30 – 14:00 Lunch break

14:00 -15:15 “Big Data and Horizon2020: Roadmap for Strategic Research and Innovation – Themes, Examples, Projects”,  
by **Ioannis Vassiliou**