



# The 15<sup>th</sup> Capri Spring School on Transport in Nanostructures 2019

	Sunday 05.05.2019	Monday 06.05.2019	Tuesday 07.05.2019	Wednesday 08.05.2019	Thursday 09.05.2019	Friday 10.05.2019	Saturday 11.05.2019
Chair		Grabert	Schönenberger	Tagliacozzo	Egger	Bercioux	School excursion to Pompeii/ Sorrento (if weather permits) Start at 9 am, Capri Harbour Return by 6 pm
9:00-9:55		Yacoby (1)	Oreg (2)	Weiss (1)	Gueron (1)	Gueron (2)	
10:00-10:55		Neupert (1)	Neupert (3)	Morpurgo (1)	Morpurgo (2)	Weiss (2)	
11:00-11:30		Coffee Break					
11:30-12:25		Yacoby (2)	Altland (1)	Beenakker (1)	Beenakker (2)	Balents (2)	
13:00-16:00		Lunch Break					
Chair		Egger	De Martino	Free Afternoon	Bercioux	Grabert	
16:00-16:55		Neupert (2)	Altland (2)		Balents (1)	Morpurgo (3)	
17:00-17:30		Coffee Break			Coffee Break		
17:30-18:25	Registration Hotel Senaria	Oreg (1)	Yacoby (3)		Beenakker (3)	Balents (3)	
18:30-19:30	19:00-19:30					Concluding remarks & excursion information	
20:00 Dinner	Le Arcate	Il Solitario	Le Arcate			Le Arcate	

<b>Titus Neupert</b>	Theoretical concepts for topologically ordered phases of matter
<b>Carlo Beenakker</b>	Weyl semimetals
<b>Alberto Morpurgo</b>	Interaction-driven phenomena in 2D materials
<b>Sophie Gueron</b>	Probing topological insulators with mesoscopic physics
<b>Alexander Altland</b>	Physics of the Sachdev-Ye-Kitaev model
<b>Leon Balents</b>	Quantum spin liquids
<b>Yuval Oreg</b>	Coupled wire constructions of topological phases
<b>Dieter Weiss</b>	Transport properties of three-dimensional topological insulators based on HgTe layers
<b>Amir Yacoby</b>	Recent experimental progress on Quantum Spin Hall and Fractional Quantum Hall Systems