



# CIMPA-ICTP research school on Artin L-functions, Artin's primitive roots conjecture and applications

Nesin Mathematics Village, Şirince, Turkey.

May 29<sup>th</sup> - June 9<sup>th</sup> 2017

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<b>Groups and Representations</b>	Monsurrò and Quéguiner-Mathieu
<b>Algebraic Number Theory</b>	Ozman and Salerno
<b>Elliptic Curves</b>	Stevenhagen and Talamanca
<b>Prime Numbers</b>	Pappalardi and Pehlivan
<b>L-functions and zeta functions</b>	Villegas, Voutier and Waldschmidt

## Schedule

### Week 1

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	<b>Distribution of Primes</b> Pappalardi	<b>Groups and Representations</b> Monsurrò	<b>Opening Ceremony</b>	<b>Groups and Representations</b> Quéguiner-Mathieu	<b>Introduction to the Riemann zeta function</b> Waldschmidt
10.00-10.50			<b>Distribution of Primes</b> Pappalardi		
10.50-11.10	<b>BREAK</b>				
11.10-12.00	<b>Elliptic Curves</b> Talamanca	<b>Elliptic Curves</b> Talamanca	<b>Groups and Representations</b> Monsurrò and Quéguiner-Mathieu	<b>Introduction to the Riemann zeta function</b> Waldschmidt	<b>Groups and Representations</b> Quéguiner-Mathieu
12.10-13.00					
13.00-15.00	<b>LUNCH</b>				
15.00-15.50	<b>Algebraic Number Theory</b> Salerno	<b>Groups and Representations</b> Monsurrò		<b>Elliptic Curves</b> Stevenhagen	<b>Algebraic Number Theory</b> Salerno
16.00-16.50			Free Afternoon	<b>Distribution of Primes</b> Pappalardi	

### Week 2

	Monday	Tuesday	Wednesday	Thursday	Friday
09.00-09.50	<b>Algebraic Number Theory</b> Salerno	<b>Introduction to L functions</b> Voutier	<b>L-functions and Motives</b> Villegas	<b>Lang-Trotter Conjecture for Primitive Points V</b> Stevenhagen	<b>Artin Conjecture, Hooley's Theorem and the Quasiresolution</b> Pehlivan
10.00-10.50					
10.50-11.10	<b>BREAK</b>				
11.10-12.00	<b>Introduction to L functions</b> Voutier	<b>Lang-Trotter Conjecture for Primitive Points</b> Stevenhagen	<b>Artin Conjecture, Hooley's Theorem and the Quasiresolution</b> Pehlivan	<b>Chebotarev Density Theorem</b> Ozman	<b>Chebotarev Density Theorem</b> Ozman
12.10-13.00					
13.00-15.00	<b>LUNCH</b>				
15.00-15.50	<b>L-functions and Motives</b> Villegas	<b>L-functions and Motives</b> Villegas	Free Afternoon	<b>Seminars</b> <a href="#">Program</a>	
16.00-16.50					