

Building Bridges

Schedule

5th EU/US Workshop on
Automorphic Forms and Related Topics

Dedicated to Lynne Walling

8-13 August 2022, University of Sarajevo

Organizers:

Samuele Anni (Aix-Marseille Université)
Jim Brown (Occidental College)
Jay Jorgenson (City College of New York)
Almasa Odžak (University of Sarajevo)
Lejla Smajlović (University of Sarajevo)

MONDAY, 8 AUGUST 2022

Business Academy building, Room 1

09:00-09:25	Registration/Openning	
09:25-09:55	Yasemin Kara	Solving Fermat type equations by modular approach
10:00-10:30	Nils Skoruppa	A short proof of the Macdonald identities
10:30-11:00	Coffee break	
11:00-11:30	Raphael Schumacher	Subconvexity for $GL_3(\mathbf{R})$: The key identity via integral representations
11:35-11:55	Darija Brajković Zorić	On unitary dual of a p -adic group
12:00-14:00	Lunch	
14:00-14:20	Raivydas Šimėnas	A-points of the Selberg zeta function
14:25-14:45	Ezra Waxman	A Hardy Littlewood conjecture for Artin primes
14:50-15:20	Discussion about projects & possible collaborations	
15:20-15:50	Coffee break	
15:50-16:10	Matija Kazalicki	Quadratic twists of genus one curves
16:15-16:35	Robin Zhang	Modular Gelfand pairs and multiplicity-free triples

TUESDAY, 9 AUGUST 2022

Business Academy building, Room 1

09:00-09:30	Jay Jorgenson	Spectral constructions of elliptic-type Eisenstein series and automorphic forms
09:35-10:05	Pietro Mercuri	Computing Fourier coefficients of cusp forms
10:10-10:30	Medina Zubača	On the boundedness of Euler-Stieltjes constants for the Rankin-Selberg L-function
10:30-11:00	Coffee break	
11:00-12:00	Samuele Anni	Counting modular forms mod p
12:00-14:00	Lunch	
14:00-14:20	Almasa Odžak	Superzeta functions associated to the Ruelle zeta function on hyperbolic Riemann surfaces
14:25-14:45	Sebastian Carrillo	The first negative Fourier coefficient of an Eisenstein series newform
14:50-15:20	Radu Toma	On the sup-norm of automorphic forms in higher rank
15:20-15:50	Coffee break	
15:50-16:50	Speed talks	

WEDNESDAY, 10 AUGUST 2022

Business Academy building, Room 1

09:00-12:00	Remembering Lynne Walling Presentation Discussion Panel
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12:00 Sarajevo historic and war tunnel tour (with lunch)

19:30 Conference dinner – Pivnica HS, Franjevačka 15

THURSDAY, 11 AUGUST 2022

Business Academy building, Room 1

09:00-09:45	Lejla Smajlović	Integer factorisation based on diffusion process
09:50-10:30	Michael Griffin	Distributions on integer partitions
10:30-11:00	Coffee break	
11:00-11:30	Som Sadashiv Phene	Lorentzian forms for generalized ultra log concavity
11:35-11:55	Goran Djanković	On the regularized 4th moment of Eisenstein series
12:00-14:00	Lunch	
14:00-14:25	Brundaban Sahu	A simple extension of Ramanujan-Serre derivative map and some applications
14:30-15:15	Discussion about projects & possible collaborations	
15:20-15:50	Coffee break	
15:50-16:10	Wenzhi Luo	The Vinogradov's mean value formula and bounds for shifted convolution sums
16:15-16:35	Leah Sturman	On a generalization of Alder's conjecture

FRIDAY, 12 AUGUST 2022

Business Academy building, Room 1

09:00-09:30	Shaul Zemel	Integral bases and invariant vectors for Weil representations
09:35-10:05	Priyanka Majumder	Asymptotics for canonical Green's functions associated with congruence subgroups at cusps
10:10-10:40	Petru Constantinescu	Dissipation of correlations of automorphic forms
10:40-11:10	Coffee break	
11:10-11:40	Abid Ali	Eisenstein series on arithmetic quotients of rank 2 Kac-Moody groups over finite fields
11:45-12:15	Oluma Ararso	Location of the zeros of certain complex-valued harmonic polynomials