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## **JOURNÉES MATHÉMATIQUES RÉGIONALES**

### **THIRD ROMANIAN - TURKISH MATHEMATICS COLLOQUIUM \***

**Initiatives for internationalization in Ovidius University of Constanta –  
education and research in a multicultural university\*\***

**September, 18 – 22, 2019**

<http://math.univ-ovidius.ro/Workshop/2019/RTMC/>

### **Program**

**Wednesday, 18.09.2019** - *Arrival of the participants*

**Thursday, 19.09.2019, Room AB1**

08.45-09.00	<b>Registration, Ovidius University, Room AB1, Ground floor</b>
09.00-09.30	<b>Opening, Ovidius University, Room AB1, Ground floor</b>
<b>Chairperson:</b> Lucian BEZNEA	

\*This meeting is organized with the kind support:  
- Le Centre Francophone en Mathématique;  
- Saladin Agiacai Association;  
- Turkish Cultural Center Yunus Emre, Constanta, Romania

\*\* Project CNFIS – FDI – 2019 - 0753

9:30-10:10	Muhammed ULUDAĞ	<i>The outer automorphism of <math>PGL(2, \mathbb{Z})</math> and a transcendence conjecture</i>
10:20-11:00	Mihai CIPU	<i>A new view on <math>SD(-1)</math>-sets</i>
11:00-11:20	Coffee Break	
<i>Chairperson:</i> Mihai CIPU		
11:20-12:00	Mustafa KORKMAZ	<i>Commutator and stable commutator lengths in groups</i>
12:10-12:50	Gökhan SOYDAN	<i>The Shuffle Variant of a Diophantine equation of Miyazaki and Togbé</i>
<i>Chairperson:</i> Cristodor IONESCU		
13:00-13:40	Alp BASSA	<i>Rational Point on Curves over Finite Fields</i>

13:40                      *Türk Tatları Tanitimi* – A Presentation of Some Turkish Tastes  
By Yunus Emre Turkish Cultural Center Constanta

<i>Chairperson:</i> Mustafa KORKMAZ		
15:30-16:10	Serap GÜRER	<i>Differential Forms On Stratified Spaces</i>
16:10-16:30	Coffee Break	
16:30-17:10	Ionel POPESCU	<i>Average + Learning in financial markets</i>
<i>Chairperson:</i> Cristina SBURLAN		
17:20-18:00	Arghir ZĂRNESCU	<i>Design of nematic bulk potentials</i>
18:00 - 18:30	Sezen CIORABAI	<i>Fuzzy Analytical Hierarchy Process In Theory of Insurance Premiums</i>

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## Friday, 20.09.2019, Room AB1

Chairperson: Alp BASSA		
09:00-09:40	Vasile BRÎNZĂNESCU	<i>Algebraic methods for solutions of Bloch-Iserles Hamiltonian systems</i>
9:50-10:30	Kağan KURŞUNGÖZ	<i>Capparelli's Identities and the Kanade-Russell Conjectures</i>
10:30-11:00	Coffee Break	
Chairperson: Vasile BRÎNZĂNESCU		
11:00-11:40	Laura-Elena NĂSTĂSESCU	<i>Graded semisimple algebras are graded symmetric</i>
11:50-12:30	Nursel EREY	<i>On the cover ideals of chordal graphs</i>
Chairperson: Muhammed ULUDAĞ		
12:40-13:20	Selma ALTINOK	<i>Algebraic Structure of Generalized Splines</i>
13.30-14.10	Ovidiu PĂSĂRESCU	<i>Gosset Polytopes of (-2)-curves in the Picard Groups of Degenerate del Pezzo Surfaces</i>

14.10 – Dobrogea Tatarların Yemekleri - A Presentation of Some Tatar Tastes –

16.30 – 18.30 – *Constanta la pas: Constanta walking tour with Diana Slav-* a guided tour of the old part of Constanta town. This tour was double certified with excellence by Tripadvisor.

**Saturday, 21.09.2019** – Conference trip to “*Souvenir from Dobrogea by Bianca Folescu*” - the traditional Dobrogean house from the village Visina (Jurilovca).

**Sunday, 22.09.2019** – Departure Day

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