

## Programme

### “Mathematical Analysis”

<b>Friday, 30.08</b>	<b>Presentation</b>
<b>9:00 – 10:00</b>	<b>F.-H. Vasilescu</b> - Truncated moments and interpolation
<b>10:00 – 11:00</b>	<b>F. Boca</b> - Continued fractions, Farey fractions, and ergodic theory
<b>11:00 – 11:30</b>	<i>Coffee break</i>
<b>11:30 – 12:30</b>	<b>M. Putinar</b> - Recent advances in global polynomial optimization
<b>12:30 – 15:00</b>	<i>Lunch</i>
<b>15:00 – 16:00</b>	<b>O. Ivanovici</b> - Dispersion estimates for the wave equation in domains
<b>16:00 – 17:00</b>	<b>C. Muscalu</b> - Higher order Calderon programs
<b>17:00 – 17:30</b>	<i>Coffee break</i>
<b>17:30 – 18:30</b>	<b>A. Gheondea</b> - Weak solutions for a degenerate elliptic Dirichlet problem

<b>Saturday, 31.08</b>	<b>Presentation</b>
<b>9:00 – 10:00</b>	<b>V. Nistor</b> - Regularity results for the eigenfunctions of the n-electron Schroedinger operator
<b>10:00 – 11:00</b>	<b>F. Radulescu</b> – Operator algebra representations of the Hecke algebra associated to the modular Group
<b>11:00 – 11:30</b>	<i>Coffee break</i>
<b>11:30 – 12:30</b>	<b>R. Purice</b> - A twisted pseudodifferential calculus associated to quantum systems with magnetic fields
<b>12:30 – 15:00</b>	<i>Lunch</i>
<b>15:00 – 16:00</b>	<b>C. Joita</b> - On the parametrization of germs of two-dimensional singularities
<b>16:00 – 17:00</b>	<b>A. Iordan</b> - Non existence of real Levi flat hypersurfaces in the complex projective space
<b>17:00 – 17:30</b>	<i>Coffee break</i>
<b>17:30 – 18:30</b>	<b>C. Niculescu</b> - Lagrange through time: a new look at old themes

<b>Sunday, 1.09</b>	<b>Presentation</b>
<b>9:00 – 10:00</b>	<b>R. Gologan</b> - Billiard models in the plane
<b>10:00 – 11:00</b>	<b>M. Cristea</b> - Boundary behavior of mappings satisfying inverse modular inequalities
<b>11:00 – 11:30</b>	<i>Coffee break</i>
<b>11:30 – 12:30</b>	<b>L. Paunescu</b> - Sofic groups and sofic actions