Department of Mathematics and Informatics
University of Oradea, Faculty of Science
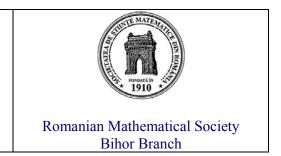
Romanian Mathematical Society
Bihor Branch

INTERNATIONAL CONFERENCE ON SCIENCES

UNIVERSITY OF ORADEA

FACULTY OF SCIENCES

13-14 MAY 2016

ORADEA

http://stiinte.uoradea.ro/

MATHEMATICS and COMPUTER SCIENCE SECTION

CONFERENCE PROGRAM

Friday 13 May 2016

10:00   **Registration**

10:30   **Opening ceremony** (Aula Magna, University of Oradea)

Chair: Sorin Gal

11:00 – 11:20

  Alina Alb Lupaş

University of Oradea, Romania

Differential sandwich theorems involving a multiplier transformation and Ruscheweyh derivative

11:20 – 11:40

  Abbas Kareem Wanas,

University of Al-Qadisiya, Diwaniya, Iraq

  Alina Alb Lupaş

University of Oradea, Romania

On a new strong differential subordinations and superordinations of analytic functions involving the generalized operator

11:40 – 12:00

  Octavia-Maria Bolojan

"Babes-Bolyai" University of Cluj-Napoca Romania

Semilinear evolution systems with nonlocal initial conditions

12:00 – 12:20   **Coffee Break**

12:20 – 12: 40

   Agnes Orsolya Pall-Szabo   **Integral properties of certain class of**
"Babes-Bolyai" University of Cluj-Napoca   **analytic functions with varying arguments**
Romania   **defined by Sălăgean derivative**

12:40 – 13:00

   Georgia Irina Oros,   **Differential subordinations obtained**
University of Oradea, Romania   **using generalizations of Hallenbeck,**
   Gheorghe Oros,   **Ruscheweyh and Suffridge theorems**
University of Oradea, Romania
   Daniela Andrada Bardac-Vlada
City University of New York, USA

13:00 – 13:20

   Adriana Cătaş   **Closure theorems related to a family of**
University of Oradea, Romania   **multivalent functions with negative**
               coefficients

13:30 – 15:00   **Lunch**

15:00 – 15:20

   Lorentz Jantschi
Technical University of Cluj-Napoca, Romania   **Extending characteristic polynomial**
   Sorana D. Bolboacă   **from graphs to molecules**
"Iuliu Haţieganu" University of Medicine and
Pharmacy, Romania

15:20 – 15:40

   Olga Engel   **The sharp version of a strongly starlikeness**
"Babes-Bolyai" University of Cluj-Napoca   **condition**
Romania
   Robert Szasz
Sapientia Hungarian University of Transilvania
Târgu-Mureș, Romania

15:40 – 16:00

      Loredana Florentina Iambor   **Good and special WPO properties for a**
University of Oradea, Romania   **general class of positive operators**
      Sorin Mureşan
University of Oradea, Romania

16:00 – 16:20

      Nadia Elena Stoicuţa   **Comparative analysis of estimation methods**
University of Petroşani, Romania   **for CES production function**

16:20 – 16:40   **Coffee Break**

                                    Chair: Adriana Cătaş

16:40 – 17:00

      Emilia Rodica Borşa   **The thin films model with free surface and**
University of Oradea, Romania   **zero surface tension**

17:00 – 17:20

      Simona Drăgan   **Sufficient conditions for exponential**
University of Oradea, Romania   **dichotomy of evolution operators in locally**
                                      convex spaces

17:20 – 17:40

      Camelia Clenci   **The convergence of integral operators with a**
University of Piteşti, Romania   **positive kernel**

17:40 – 18:00

      Anamaria Popescu   **Monetary policy indicators analysis based on**
University of Petroşani, Romania   **regression function**

18:00 – 18:20

      R. Tayebi Khorami   **Special Maps on Hoop-algebras**
Ahvaz Branch Islamic Azad University, Iran
      A. Borumand Saeid
Shahid Bahonar University of Kerman, Iran

18:20 – 18:40

  Mădălina Păcurar   **The study of cyclic operators in fixed point**

"Babes-Bolyai" University of Cluj-Napoca **theory**

Romania

18:40 – 19:00

  Mugur Acu   **Some subclasses of α-convex convex**

University of Sibiu, Romania   **functions**

20:00   **Welcome dinner**