

FINAL PROGRAMME

7th International Workshop on Nonlinear Analysis, Fixed Point Theory & Applications, May 19-20, 2021, Baia Mare, România

To be held on-line. Platform: Microsoft Teams

Wednesday 19 May 2021, online: Microsoft Teams **Opening**

08.45 (Romania local time); 12.45 (Thailand local time)

Wednesday 19 May 2021: 9.00-11.00 (13.00-15.00) **Invited lectures**

09:00 | Prof. Radu MICULESCU, *Diameter diminishing to zero iterated function systems*

09:30 | Prof. Narin PETROT, *Incremental Type Penalization Methods for Hierarchical Convex Optimization (joint work with Nimit Nimana)*

10:00 | Prof. Dorian POPA, *On the best constant in Ulam Stability*

10:30 | Prof. Poom KUMAM, *Approximation Methods for Splitting Problems on Riemannian Manifolds*

Wednesday 19 May 2021: 11.30-13.30 (15.30-17.30) **Regular presentations**

11:30 | Alexandra MARCHIȘ, *Common fixed point theorems for enriched contractions in Banach spaces*

11:50 | Dr. Nuttapol Pakkaranang, *On solving minimization problem and fixed point problem for nonexpansive mappings in geodesic spaces (joint work with Poom Kumam)*

- 12:10 | Paula HOMORODAN, *Fixed point theorems for discontinuous mappings in distance spaces*
- 12:30 | Pornpimon Boriwan, *Lexicographic Tolerable Robust Concept for Uncertain Multi-Objective Optimization Problems* (joint work with Matthias Ehrgott, Daishi Kuroiwa and Narin Petrot)
- 12:50 | Cristina Maria PACURAR, *A countable fractal interpolation scheme involving Rakotch contractions*
- 13:10 | Premyuda Dechboon, *An inertial projection-like method for solving a generalized Nash equilibrium problem* (joint work with Poom Kumam and Parin Chaipunya)

Thursday 20 May 2021: 9.00-11.00 (13.00-15.00)

Invited lectures

- 09:00 | Prof. Suthep SUANTAI, *On Convergence and Complexity Analysis of an Accelerated Forward-Backward Algorithm with Line search Technique for Convex Minimization Problems and Applications to Data Prediction and Classification* (joint work with Panitarn Sarnmeta, Warunun Inthakon and Dawan Chumpungam)
- 09:30 | Prof. Ioan RAŞA, *Systems of nonlinear algebraic equations with unique positive solution*
- 10:00 | Prof. Somyot PLUBTIENG, *Modified Mann-Type Algorithm for Three Operator Monotone*
- 10:30 | Prof. Vasile BERINDE, *Existence and approximation of fixed points for unsaturated classes of contractive mappings*

Thursday 20 May 2021: 11.00-13.00 (15.00-17.00)

Regular presentations

- 11:00 | Dr. Duangkamon Kitkuan, *Fixed Point Iterative Methods for Optimization Problems with Application in Image Restoration* (joint work with Anantachai Padcharoen)

- 11:20 | Jamilu Abubakar, *Strong Convergence of Alternated Inertial CQ Relaxed Method with Application in Signal Recovery* (joint work with Poom Kumam)
- 11:40 | Konrawut Khammahawong, *Tseng's Method for Inclusion Problems on Hadamard Manifolds* (joint work with Poom Kumam, Parin Chaipunya and Juan Martínez-Moreno)

Thursday 20 May 2021: 12.00-12.30 (16.00-16.30)

Closing remark

List of Workshop speakers

A. Invited talks

1. Vasile Berinde, NUC at Baia Mare, TU Cluj-Napoca, Romania; vasile.berinde@mi.utcluj.ro
2. Poom Kumam, King Mongkut's University of Technology Thonburi, Thailand; poom.kum@kmutt.ac.th
3. Radu Miculescu, Transilvania University of Braşov, Romania; radu.miculescu@unitbv.ro
4. Narin Petrot, Naresuan University, Thailand; narinp@nu.ac.th
5. Somyot Plubtieng, Naresuan University, Thailand; somyotp@nu.ac.th
6. Dorian Popa, TU Cluj-Napoca, Romania; Popa.Dorian@math.utcluj.ro
7. Ioan Raşa, TU Cluj-Napoca, Romania; Ioan.Rasa@math.utcluj.ro
8. Suthep Suantai, Chiang Mai University, Thailand; suthep.s@cmu.ac.th

B. Regular talks

1. Jamilu Abubakar, King Mongkut's University of Technology Thonburi, Thailand; jamilu.abubakar@mail.kmutt.ac.th
2. Pornpimon Boriwan, Naresuan University, Thailand; boriwan_p1990@hotmail.com
3. Premyuda Dechboon, King Mongkut's University of Technology Thonburi, Thailand; seaweiv@gmail.com
4. Paula Homorodan, NUC at Baia Mare, TU Cluj-Napoca, Romania; paula_homorodan@yahoo.com
5. Konrawut Khammahawong, King Mongkut's University of Technology Thonburi, Thailand; k.konrawut@gmail.com
6. Duangkamon Kitkuan, Rambhai Barni Rajabhat University, Thailand; or_duangkamon@hotmail.com
7. Alexandra Marchiş, NUC at Baia Mare, TU Cluj-Napoca, Romania; alecsandra_mureshan@yahoo.com
8. Cristina Maria PACURAR, Transilvania University of Braşov, Romania; cristina.pacurar@unitbv.ro
9. Nuttapol Pakkaranang, King Mongkut's University of Technology Thonburi, Thailand; nuttapol.pakka@gmail.com

Sponsor: SINUS Association