http://kmj.knu.ac.kr/

2018
KMJ Conference
for Accreditation Strategies

Date_ **January 8**(Mon) ~ **10**(Wed), 2018
Place_ College of Natural Sciences #213, Kyungpook National University
and Novotel Ambassador Daegu, Korea

Plenary Speakers

- **Uday Chand De**
  University of Calcutta, India

- **Haibao Duan**
  Chinese Academy of Sciences, China

- **Akio Kawauchi**
  Osaka City University, Japan

- **Hong Oh Kim**
  KAIST & UNIST, Korea

- **Hyung Sun Kim**
  Inha University, Korea

- **Sang Youl Lee**
  Pusan National University, Korea

- **Yong Do Lim**
  Sungkyunkwan University, Korea

- **Pradip Majhi**
  University of Calcutta, India

- **Hari M. Srivastava**
  University of Victoria, Canada

- **Jan Stochel**
  Jagiellonian University, Poland

Organizing Committee

- **Yongju Bae**
  Kyungpook National University, Korea

- **Younghae Do**
  Kyungpook National University, Korea

- **Il Bong Jung**
  Kyungpook National University, Korea

- **Philsu Kim**
  Kyungpook National University, Korea

- **Chan-Young Park**
  Kyungpook National University, Korea

- **Seog-Hoon Rim**
  Kyungpook National University, Korea

- **Young Jin Suh**
  Kyungpook National University, Korea

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- **Kyungpook National University**

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\multicolumn{2}{c}{**January 8 [Mon] (Room 213, Natural Science Building, KNU)**}

08:50~09:00	Registration
09:00~09:10	Opening Il Bong Jung (Kyungpook National University)
Session A1-1	**Chair: Il Bong Jung (KNU)**
09:15~10:00	*Fractional-Order Derivatives and Integrals: Introductory Overview and Recent Developments* **H. M. Srivastava** (University of Victoria, Canada)
10:00~10:10	Coffee Break & Discussions
Session A1-2	**Chair: Younghae Do (KNU)**
10:10~10:55	*Multivariate Löwner-Heinz inequalities* **Yongdo Lim** (Sungkyunkwan University)
10:55~11:15	Coffee Break & Discussions
Session A1-3	**Chair: Sung Guen Kim (KNU)**
11:15~12:00	*On Normal Products of Selfadjoint Operators* **Jan Stochel** (Uniwersytet Jagiellonski, Poland)
12:00~14:00	Lunch
Session A2	**Chair: Dong-Won Lee (KNU)**
14:00~14:20	*For regularity of compressible Stokes flows* **Jae Ryong Kweon** (Pohang University of Science and Technology)
14:20~14:40	*Comparative study on two different type predator-prey systems relating to Turing patterns* **Hunki Back** (Daegu Catholic University)
14:40~15:00	*Artificial neural network using numerical analysis* **Byeong-Chun Shin** (Chonnam National University)
15:00~15:20	Coffee Break & Discussions
Session A3	**Chair: Kim, Eun Sup(KNU)**
15:20~15:40	*On Cayley graphs* **Jaeun Lee** (Yeungnam University)
15:40~16:00	*A study on the Theoretical Background of the Multiplication of Rational Numbers as Composition of Operators* **Keunbae Choi** (Jeju National University)
16:00~16:20	*A new characterization of unique factorization domains of formal power series* **Hwankoo Kim** (Hoseo University)
16:20~16:40	Coffee Break & Discussions
Session A4	**Chair: Seonghak Kim**
16:40~17:00	*Contact Riemannian geometry* **Jong Taek Cho** (Chonnam National University)
17:00~17:20	*Conformal Killing Forms on Foliated Manifolds* **Seoung Dal Jung** (Jeju National University)
17:20~17:40	*Conformal transformations and Ricci curvature* **Byung Hak Kim** (Kyung Hee University)
17:40~18:00	*An Example of Computational Mathematics, Science, and Engineering Convergence* **Oyeon Kum** (Kyungpook National University)

January 9 [Tue] (Room 213, Natural Science Building, KNU /Novotel Ambassador Daegu)

09:00~09:10	Registration
Session B1-1	Chair: Young Jin Suh (KNU)
09:15~10:00	*On generalized Robertson-Walker spacetimes* **Uday Chand De** (University of Calcutta, India)
10:00~10:10	Coffee Break & Discussions
Session B1-2	Chair: Philsu Kim (KNU)
10:10~10:55	*Nevanlinna counting functions and Green functions* **Hong Oh Kim** (KAIST & UNIST)
10:55~11:15	Coffee Break & Discussions
Session B1-3	Chair: Sunghwan Moon (KNU)
11:15~12:00	*Ricci solitons and *-Ricci Solitons on contact manifolds* **Pradip Majhi** (University of Calcutta, India)
12:00~14:00	Photo Time & Lunch
Session B2	Chair: Young-Ho Kim (KNU)
14:00~14:20	*The Cartan mean and Wasserstein mean of positive definite matrices* **Sejong Kim** (Chungbuk National University)
14:20~14:40	*Hypersurface Constrained Elasticae in Lorentzian Space Forms* **Changhwa Woo** (Woosuk University)
14:40~15:00	*Linear preserver problems and term rank preservers* **Seok-Zun Song** (Jeju National University)
15:00~16:00	**KNU ➡ Novotel Ambassador (Champagne Hall, B2)**
Session B3	Chair: Yongju Bae (KNU)
16:00~16:40	*How to index Kyungpook Mathematical Journal in Science Citation Index Expanded* **Hyungsun Kim** (Inha University)
16:40~17:00	Coffee Break & Discussions
Session B4	Chair: Mark Halvor Siggers (KNU)
17:00~17:50	*Discussion on KMJ Accreditation Strategy*
18:00~20:30	**Banquet & Home Coming Day** Chair: Jung Wook Lim (KNU)

January 10 [Wed] (Room 213, Natural science building, KNU)	
09:00~09:10	Registration
Session C1-1	Chair: Yongkuk Kim (KNU)
09:15~10:00	*The integral cohomology of the projective unitary groups* **Haibao Duan** (Chinese Academy of Sciences, China)
10:00~10:10	Coffee Break & Discussions
Session C1-2	Chair: Jung Wook Lim (KNU)
10:10~10:55	*A skein invariant for oriented surface-links via the Jones polynomial* **Sang Youl Lee** (Pusan National University)
10:55~11:15	Coffee Break & Discussions
Session C1-3	Chair: Chan-Young Park (KNU)
11:15~12:00	*Complexities of a knitting pattern* **Akio Kawauchi** (Osaka City University, Japan)
12:00~14:00	Lunch
14:00~18:00	Discussions

KNU Campus map (Daegu)

209. College of Natural Sciences

103. Global Plaza