

# The 21th International Workshop on Hermitian Symmetric Spaces & Submanifolds

- **Date:** October 11 (Wed) ~ 13 (Fri), 2017
- **Place:** Faculty Seminar Room (# 219),  
Department of Mathematics, College of Natural Sciences,  
Kyungpook National University, Daegu 41566, Republic of Korea
- **Organizing Committee**  
Young Jin Suh (Chair, Kyungpook Nat'l University & RIRCM, Republic of Korea)  
Yoshihiro Ohnita (Osaca City University & OCAMI, Japan)  
Byung Hak Kim (Kyung Hee University, Republic of Korea)  
Imsoon Jeong (Pai Chai University, Republic of Korea)  
Changhwa Woo (Woosuk University, Republic of Korea)
- **Secretaries**  
Hyunjin Lee (RIRCM, Republic of Korea)  
Jihye Park (RIRCM, Republic of Korea)
- **Supported by**  
NRF of Korea and BK21PLUS
- **Organized by**  
RIRCM (Research Institute of Real and Complex Manifolds) and  
OCAMI (Osaka City University Advanced Mathematical Institute)



**October 11 (Wednesday), 2017****Place: Faculty Seminar Room (#219)**

<b>11:00~11:30</b>		<b>Chair Dr. Hyunjin Lee</b>
11:00~11:30	Hopf hypersurfaces in the complex quadric with normal Jacobi operator of Codazzi type Imsoon Jeong (Pai Chai University, Korea), Gyujong Kim (Kyungpook National University, Korea) and Young Jin Suh (Kyungpook National University, Korea)	
<b>11:30~12:30</b>		<b>Chair Professor Imsoon Jeong</b>
11:30~12:00	Real hypersurfaces with Killing shape operator in the complex quadric Junhyung Ko (Kyungpook National University, Korea), Young Jin Suh (Kyungpook National University, Korea) and Changhwa Woo (Woo Suk University, Korea)	
12:00~12:30	Classifications of real hypersurfaces in complex Grassmannians with rank two Byung Hak Kim (Kyung Hee University, Korea), Hyunjin Lee (Kyungpook National University, Korea) and Eunmi Pak (Kyung Hee University, Korea)	

**October 12 (Thursday), 2017****Place: Faculty Seminar Room (#219)**

<b>09:30~10:30</b>		<b>Chair Professor Young Jin Suh</b>
09:30~10:30	Spectral theory for closed curves in the 3-dimensional space forms (I) Sebastian Klein (Mannheim University, Germany)	
<b>10:30~10:50</b>	<b>Break Time</b>	
<b>10:50~12:30</b>		<b>Chair Professor Sunghwan Moon</b>
10:50~11:50	Minkowski problem on integral and convex geometry Jiazou Zhou (Southwest University, China)	
<b>11:50~12:30</b>	<b>Opening Address / Group Photos</b>	
<b>12:30~14:00</b>	<b>Lunch Time (Restaurant Renaissance, 17th floor in Global Plaza, KNU)</b>	
<b>14:00~16:20</b>		<b>Chair Professor Yoshihiro Ohnita</b>
14:00~15:00	Special Lagrangian submanifolds and cohomogeneity one actions on the complex projective space Kurando Baba (Tokyo University of Science, Japan)	
15:20~16:20	Rigidity theorems of capillary hypersurfaces Juncheol Pyo (Busan National University, Korea)	
<b>16:20~16:40</b>	<b>Break Time</b>	
<b>16:40~17:40</b>		<b>Chair Professor Jiazou Zhou</b>
16:40~17:40	Ricci-Bourguignon flow Pak Tung Ho (Sogang University, Korea)	

**October 13 (Friday), 2017****Place: Faculty Seminar Room (#219)**

<b>09:30~10:30</b>		<b>Chair Professor Young Jin Suh</b>
09:30~10:30	Classification of minimal orbits of the Hermann action satisfying Koike's conditions Yoshihiro Ohnita (Osaka City University, Japan)	
<b>10:30~10:45</b>	<b>Break Time</b>	
<b>10:45~12:30</b>		<b>Chair Professor Yasuyuki Nagatomo</b>
10:45~11:45	Spectral theory for closed curves in the 3-dimensional space forms (II) Sebastian Klein (Mannheim University Germany)	
<b>11:45~12:00</b>	<b>Break Time</b>	
12:00~12:30	The heat operator of a transversally elliptic operator Masasiro Morimoto (Osaka City University, Japan)	
<b>12:30~14:00</b>	<b>Lunch Time (Restaurant Bibim-ga, 2nd floor in Global Plaza, KNU)</b>	
<b>14:00~16:00</b>		<b>Chair Professor Sebastian Klein</b>
14:00~15:00	Discretized linear Weingarten surfaces with Weierstrass-type representations and their singularities Masashi Yasumoto (OCAMI, Japan)	
15:00~16:00	Scalar curvature functions of almost-Kaehler metrics Jongsu Kim (Sogang University, Korea)	
<b>16:00~17:30</b>		<b>Chair Professor Byung Hak Kim</b>
16:00~17:00	Harmonic maps of the complex projective line into Grassmannians of rank 2 Yasuyuki Nagatomo (Meiji University, Japan)	
17:00~17:30	Radon transform and the conical Radon transform with a fixed central axis Sunghwan Moon (Kyungpook National University, Korea)	