

# Program

## Timetable

Date Time	October 2	October 3	October 4	October 5	October 6
09:00 - 09:45	<i>Registration</i>	D. Choi	<i>Sightseeing</i>	J. Tong	S. Seo
09:45 - 10:15	<i>Coffee Break</i>			<i>Coffee Break</i>	
10:15 - 11:00	Q. Liu	S. Jin		G. Lv	J. H. Lee
11:15 - 12:00	D. Wei	B. Im		J. Park	L. Cai
12:00 - 14:30	<i>Lunch</i>			<i>Lunch</i>	
14:30 - 15:15	S. Lim	E. Yang		H. Jung	B. Xue
15:15 - 15:45	<i>Coffee Break</i>			<i>Coffee Break</i>	
15:45 - 16:30	Z. Xu	J. Yang		J. Y. Lee	L. Zhao
16:45 - 17:30	H. Ki	H. Gao		J. Fang	S. J. Lee
17:50 - 20:00	<i>Dinner</i>	<i>Dinner</i>		<i>Dinner</i>	<i>Banquet</i>

### October 2 Morning

**Chair: Hongwen Lu** (Tongji University)

09:00 - 09:45

**Registration**

10:15 - 11:00

**Qing Liu** (Université Bordeaux 1)

*Very strong approximation on algebraic varieties*

11:15 - 12:00

**Dasheng Wei** (AMSS):

*Strong approximation with the Brauer-Manin obstruction*

## **October 2 Afternoon**

**Chair: Chaohua Jia** (Chinese Academy of Sciences)

14:30 - 15:15

**Subong Lim** (KIAS)

*Eichler integrals and harmonic weak Maass forms*

15:45 - 16:30

**Zhao Xu** (Shandong University)

*Nonvanishing of automorphic L-functions at special points*

16:45 - 17:30

**Haseo Ki** (Yonsei University)

*On the strong multiplicity one for the Selberg class*

## **October 3 Morning**

**Chair: HyunKwantg Kim** (Postech)

09:00 - 09:45

**Dohoon Choi** (Korea Aerospace University)

*Congruences for weakly holomorphic modular forms*

10:15 - 11:00

**Seohko Jin** (KAIST)

*On the sign changes for modular forms*

11:15 - 12:00

**Bo-Hae Im** (Chung-Ang University)

*The zeros of certain weakly holomorphic Drinfeld modular forms and quasi-modular forms*

## **October 3 Afternoon**

**Chair: Yuichiro Taguchi** (Kyushu University)

14:30 - 15:15

**Enlin Yang** (Tsinghua University)

*Logarithmic version of the Milnor formula*

15:45 - 16:30

**Jinbang Yang** (University of Science and Technology of China)

*On the cohomology of semi-stable  $p$ -adic Galois representations*

16:45 - 17:30

**Hui Gao** (Peking University)

*Potential Diagonalizability of Crystalline Representations*

## **October 5**

**09:00 - 11:00**

**Chair: Hongze Li** (Shanghai Jiao Tong University)

09:00 - 09:45

**Jilong Tong** (Université Bordeaux 1)

*Néron model of algebraic curves*

10:15 - 11:00

**Guangshi Lv** (Shandong University)

*Shifted convolution of cusp-forms with  $\theta$ -series*

**11:15 - 15:15**

**Chair: Yi Ouyang** (University of Science and Technology of China)

11:15 - 12:00

**Jecheon Park** (Postech)

*$p$ -adic  $(0 + 0)$ -dimensional quantum field theory and zeta functions*

14:30 - 15:15

**Hwanyup Jung** (Chungbuk National University)

*Average Values of  $L$ -series of quadratic function fields*

**15:45 - 17:30**

**Chair: Jiayan Yao** (Tsinghua University)

15:45 - 16:30

**Jungyun Lee** (KIAS)

*Indivisibility of real quadratic function fields*

16:45 - 17:30

**Jiangxue Fang** (Capital Normal University)

*Special L-values of abelian t-modules*

## **October 6**

**09:00 - 11:00**

**Chair: Shaofang Hong** (Sichuan University)

09:00 - 09:45

**Soogil Seo** (Yonsei University)

*On finite layers of  $Z_l$ -extensions and  $K_2$*

10:15 - 11:00

**Jun Ho Lee** (KIAS)

*On some orders generated by units*

**11:15 - 15:15**

**Chair: Kejian Xu** (Qingdao University)

11:15 - 12:00

**Li Cai** (Tsinghua MSC)

*Explicit Gross-Zagier formula and Waldspurger formula*

14:30 - 15:15

**Boqing Xue** (AMSS)

*On cubic forms that split off forms*

**15:45 - 17:30**

**Chair: Wenguang Zhai** (China University of Mining and Technology)

15:45 - 16:30

**Lilu Zhao** (HeFei University of Technology)

*The quadratic form in prime variables*

16:45 - 17:30

**Sang June Lee** (Duksung Women's University)

*On the Number of  $B_h$ -Sets*