Activity Report

The International Workshop on Groups & Representations and Related topics (IWGRR) has been successfully held in Chongqing, China between May 16 to May 20, 2018. Please see the conference website.

http://mathmeeting.cqwu.edu.cn/

The conference has arranged 54 research talks. About 140 participants/speakers have attended the conference. The participants/speakers are from China, USA, Japan, Italy, Russia, and Iran.
I have include the conference schedule in the following.

International Workshop on Groups Representations and Related Topics

May 16-20, 2018
Yongchuan　Chongqing　P. R. China

Schedule

Wednesday, May 16

9:00-18:00　**Registration**　Botian Hotel (1st floor)

18:30-20:00　Dinner

20:30-21:00　Scientific Committee Meeting

Tuesday, May 17

Morning

8:20-8:50　**Opening ceremony**

　　　　　Zeping Sun (Chair of the University Council)

　　　　　 Opening Speech

8:50-9:20　**Taking Photograph**

Plenary Talks (Chair: 樊恽 **Yun Fan**)

9:20-10:00　**Victor Mazurov**　Characterizations of simple linear groups in the class

of periodic groups

10:00-10:20　**Tea Break**

Plenary Talks (Chair: 郭秀云　**Xiuyun Guo**)

10:20-11:00　李才恒 **Cai-heng Li**　　Erdos-Ko-Rado problem for permutation groups

11:00-11:40　惠昌常 **Changchang Xi**　　A reduction technique for Broue's

Conjecture

12:00-14:00　　**Lunch Break**

Afternoon

Plenary Talks (Chair: 施武杰 **Wujie Shi**)

14:00-14:40　**Zongzhu Lin** Geometric setting of association schemes

14:40-15:20　王杰　**Jie Wang**　　The groups behind music

15:20-15:40　**Tea Break**

15:40-16:20　郭文彬　**Wenbin Guo** Recent progress on finite groups

16:20-17:00　**Danila Revin** On Wielandt's program of studying maximal

x-subgroups of finite groups

17:00-17:40　赵宪钟　**Xianzhong Zhao**　　Global determinism of semigroups

18:00-20:00　　Dinner

Friday, May 18

Morning

Plenary Talks (Chair: 郭文彬　**Wenbin Guo**)

8:10-8:50　**Thomas M. Keller** Small quotients of finite linear groups

8:50-9:30　周远扬 **Yuanyang Zhou** Blocks with defect group $Z_{2^n} \times Z_{2^n} \times Z_{2^m}$

9:30-10:10　**Ilia Ponomarenko**　　Amalgams of finite abelian groups and quasiregular

coherent configurations

10:10-10:30　**Tea Break**

10:30-11:10　钱国华 **Guohua Qian** Nonsolvable groups with few primitive character

degrees

11:10-11:50　**Neda Ahanjideh**　　Simplicity of a finite group and its cs

12:00-14:00　　**Lunch Break**

Afternoon

Time	Section A Chair: 李才恒 **Cai-heng Li**	Section B Chair: 惠昌常 **Changchang Xi**
14:00-14:30	**Goansu Kim** Abelian subgroup separability of certain HNN extensions	**Shuxia Li** LAX ALGEBRAIC REPRESENTATION FOR AN INTEGRABLE HIERARCHY
14:30-15:00	**Natalia Maslova** On coincidence of Gruenberg-Kegel graphs of non-isomorphic finite groups	黎先华 **Xianhua Li** Finite groups and synchronizing semigroups
15:00-15:30	安立坚 **Lijian An** Finite 2-groups all of whose non-abelian subgroups are self-centralizing	缪龙 **Long Miao** Some ideas on nonsolvable groups
15:30-15:50	**Tea break**	
	Section A Chair: 杨勇 **Yong Yang**	Section B Chair: 王登银 **Dengyin Wang**
15:50-16:20	陈刚 **Gang Chen** Coherent Configuration Associated with TI-subgroups	**Tatsuro Ito** Some problem about the group association scheme
16:20-16:50	陈晓友 **Xiaoyou Chen** Partial Character Table	李靖建 **Jing Jian Li** On Symmetric Graphs of odd order and valency 10
16:50-17:20	秦超 **Chao Qin** A note on groups whose all non-linear irreducible characters are defect zero	李上钊 **Shangzhao Li** On the automorphisms of 2-(v, k, 1) designs
17:20-17:50	申振才 **Zhencai Shen** Solvable fusion system	沈守强 **Shouqiang Shen** The undirected annihilating-ideal graphs of non-commutative rings
17:50-18:20	徐行忠 **Xingzhong Xu** A note on Oliver's p-group conjecture	刘海林 **Hailin Liu** Metacyclic coverings of arc-transitive graph
Dinner	**Banquet** (18:30-21:00)	

Saturday, May 19

Morning

Plenary Talks (Chair: 陈贵云 **Guiyun Chen**)

8:10-8:40　　**Daria Lytkin** Scientific achievements of Victor Mazurov

8:40-9:10　　张良才 **Liangcai Zhang** Scientific achievement of Wujie Shi

9:10-9:50　　**Andrey Vasil'ev**　On the isomorphism problem for combinatorial

objects associated with finite groups

9:50-10:10　**Tea Break**

10:10-10:50　**Silvio Dolfi**　Zeros of irreducible characters of finite groups

10:50-11:30　**Yuanlin Li**　A combinatoric problem in group theory- B(n, k)-groups

11:30-12:10　**Zhijun Qiao** Lax algebra and r-matrix in integrable systems

12:10-14:00　**Lunch break**

Afternoon

Time	Section A　Chair: 郭文彬 Wenbin Guo	Section B　Chair: 钱国华 Guohua Qian
14:00-14:30	杨勇 **Yong Yang** Orbit structure of group actions	张文婷 **Wenting Zhang** The finite basis problem for involution semigroups of triangular matrices
14:30-15:00	韦华全 **Huaquan Wei** On nearly s-embedded subgroups of finite groups	任苗苗 **Miaomiao Ren** On the varieties of semilattice-ordered semigroups satisfying $x^n \approx x$
15:00-15:30	邵长国 **Changguo Shao** Structure of finite groups with four conjugacy class sizes of certain elements	胡学琴 **Xueqin Hu** 2-blocks with hyperfocal subgroup $(\mathbb{Z}_2)^3$
15:30-15:50	Tea break	
	Section A　Chair: 李样明 Yangming Li	Section B　Chair: 赵宪钟 Xianzhong Zhao
15:50-16:20	苏宁 **Ning Su** On supersolvable saturated fusion systems	汪忠碧 **Zhongbi Wang** An ONC-characterization of A_{14} and A_{15}
16:20-16:50	刘燕俊 **Yanjun Liu** On Hilbert divisors	杨东芳 **Dongfang Yang** p-groups with two character degrees
16:50-17:20	刘仕田 **Shitian Liu** Vertex degrees of prime graph and group structure	高聪 **Cong Gao** Finite groups with some special degrees of irreducible characters
17:20-17:50	孔庆军 **Qingjun Kong** On vanishing criteria that control finite group structure II	
Dinner	**Banquet** (18:00-21:00)	

Sunday, May 20

Morning

Plenary Talks (Chair: 王杰 **Jie Wang**)

8:10-8:50   **Alireza Moghaddamfar**   Decompositions of finite groups
              throughrelated graphs
8:50-9:30   李样明 **Yangming Li**   Extension via mutually permutable product
9:30-10:10   王登银 **Dengyin Wang**   Determining number of finite groups
  10:10-10:50   曾吉文 **Jiwen Zeng**   Frobenius Group and value field of characters

              monoids
10:50-11:30   马纪成 **Jicheng Ma** Covering techniques and its applications

12:00-14:00   **Lunch break**

Afternoon

Chair: 施武杰 **Wujie Shi**

14:00-14:40   **Free discussion**

14:40-15:20   **Free discussion**
18:00-20:00   Dinner