2022 Zassenhaus Groups and Friends Conference

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This year the Zassenhaus Groups and Friends Conference

will consist of two parts:
May 27-29, 2022 online through Zoom, and
June 3–5, 2022 in person at
 Hofstra University.

May 27-29, 2022

Schedule and ZOOM link to talks for the online portion of the conference

Time alloted per talk

- All posted times are EDT (Eastern Daylight Time) i.e. UTC-4
- Talks will occur at 35 minutes intervals. Each talk will be 20 minutes, preceded by 5 minutes technical setup, and followed by 10 minutes Q&A.
- The times posted below indicate the beginning

of each 20 minutes talk.

- Talks are organized by blocks (morning, midday, afternoon) of four talks each.
- There will be a single zoom meeting link for all talks. The zoom meeting for each block will open 15 minutes before the first talk.
- The talks will be recorded, and a link to the recording will be placed on the talk title, provided the speaker consents.
- There are no links to individual abstracts. The whole program with abstracts is here

Friday, May 27, Midday Session		
Speaker	**Title**	**Time(EDT)**
Agota Figula	"Akivis algebra of abelian extensions and tangent prolongations of loops"	12:00 NN
Chris Schroeder	"The 2-parts of relative character degrees"	12:35 PM
Wil Cocke	"A Groupth Theoretic Correspondence"	1:10 PM
Jeffrey Riedl	"Iterated commutators of powers of an element"	1:45 PM

Friday, May 27, Afternoon Session		
L.C. Kappe	**About Hans Zassenhaus**	**3:35 PM**
Speaker	**Title**	**Time(EDT)**
Ryan McCulloch	"Central Products and the Chermak-Delgado Lattice "	3:45 PM
Mark Sapir	"A survey about F "	4:20 PM
Santiago Barrera Acevedo	"Cocyclic Two-Circulant Core Hadamard Matrices"	4:55 PM
Heiko Dietrich	"Galois trees for p-groups of maximal class"	5:30 PM

Saturday, May 28, Morning Session		
Speaker	**Title**	**Time(EDT)**
Viji Thomas	"Schurs Exponent Conjecture and Related Problems"	8:40 AM
Patali Komma	"Non-inner automorphisms of order p in finite p-groups of coclass 4 and 5"	9:15 AM
Marshal Sampson	"On Existence of Minimal Generating Sets and Maximal Independent Sets in Groups and the Additive Semigroup of Integers"	9:50 AM
Costantino Delizia	"On anticommutative Engel groups"	10:25 AM

Saturday, May 28, Midday Session		
Speaker	**Title**	**Time(EDT)**
Juan Martinez Madrid	"On the fields of values of irreducible characters"	12:00 NN
Mihai-Silviu Lazorec	"A generalization of a result on the sum of element orders of a finite group"	12:35 PM
Chimere Anabanti	"Which finite groups are filled? "	1:10 PM
Tung Nguyen	"Zeta functions of the joint algebras over finite fields"	1:45 PM

Saturday, May 28, Afternoon Session		
Speaker	**Title**	**Time(EDT)**
Lucas Gagnon	"A Hopf algebra approach to induced supercharacters"	3:10 PM
Jonathan Doane	"Subquasivariety lattice of Boolean semirings"	3:45 PM
Mark Lewis	"Groups having all elements off a normal subgroup with prime power order"	4:20 PM
Zekeriya (Yalcin) Karatas	"A Brief History on Classification of Groups Whose Proper Subgroups Satisfy Certain Conditions"	4:55 PM

			Sunday, May 29, Morning Session

Speaker	Title	Time(EDT)
Tony Nixon Mavely	"Bounds on the size of Schur multiplier of p-groups with graph theory"	8:40 AM
Ekaterina Kompantseva and Nguyen Thi Quynh Trang	"Filial rings on quotient divisible Abelian groups"	9:15 AM
Gareth Jones	"Simple groups of order a product of six primes"	9:50 AM
J. Miquel Martínez	"The number of irreducible characters in a Brauer block"	10:25 AM

Schedule and ZOOM link for the in-person portion of the conference

All talks will be viewable via zoom

Saturday, June 4		
Time	Speaker	Title
10:30 -- 10:55	Arturo Magidin, University of Louisiana	Generalizing the Chermak-Delgado measure
11:05 -- 11:30	Carmine Monetta, University of Salerno	On the solubilizer of an element in finite groups
11:30 -- 12:00	C o f f e e B r e a k	
12:00 -- 12:25	David Burrell, University of Florida	The Groups of Order 1024: A New Total
12:35 -- 1:00	Justin Lynd, University of Louisiana	Punctured groups for exotic fusion systems
1:00 -- 2:30	L u n c h B r e a k	
2:30 -- 2:55	Zoran Sunic, Hofstra University	Frobenius groups leading to branch groups
3:05 -- 3:30	Tuval Foguel, Adelphi University	Semi-partition of a group
3:40 -- 4:05	Andrew Velasquez-Berroteran, Adelphi University,	Equal Coverings of Finite Groups
4:05 -- 4:30	C o f f e e B r e a k	
4:30 -- 4:55	Casey Donoven, Montana State University Northern	Synchronizing Automata and Thompson's Group V

| 5:05 -- 5:30 | Luise Kappe, Binghamton University | On the nonabelian tensor product of cyclic groups of p-power order, p an odd prime |
| 6:30 | Conference Dinner | |

Detailed program with abstracts

Zassenhaus Conference Main Website