

2021 Zassenhaus Groups and Friends Conference

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This year the Zassenhaus Groups and Friends Conference
will be held online

May 28 - 29, June 4 - 5, 2021

Time allotted 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.

- Each day there will be three blocks of four talks each.
- The blocks run 8:40-10:55AM, 12:00-2:15PM 3:20-5:35PM (EDT)
- There will be a single Zoom meeting link for all talks.
- The ZOOM meeting each morning/midday/afternoon will open 15 minutes before the first talk, i.e. 8:25 AM, 11:45

AM, and 3:05 PM.

- The talks will be recorded, and a link to the recording will be placed on the talk title, provided the speaker consents.
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Schedule and ZOOM

link to talks

Friday, May 28, Morning Session		
Welcome		8:30 AM
Speaker	Title	Time(EDT)
Michael Barry	"A new algorithm for decomposing modular tensor products"	8:40 AM
Carmine Monetta	"Series of a construction related to the non-abelian tensor square of groups"	9:15 AM
Vicent Pérez Calabuig	"On the computability of the abelian kernel of an inverse semigroup"	9:50 AM
Juan Martínez Madrid	"On the order of products of elements in finite groups"	10:25 AM

Friday, May 28, Midday Session		
L.C. Kappe		11:50 AM
About Hans Zassenhaus		
Speaker	Title	Time(EDT)
Gareth Jones	"Permutation groups of prime degree: still an open problem"	12:00 NN
Anthony Evans	"The existence problem for strong complete mappings of finite groups "	12:35 PM
Wil Cocke	"Some thoughts on subnormal depth (part 1)"	1:10 PM
Ryan McCulloch	"Chains of normalizers of subnormal subgroups (part 2)"	1:45 PM

Friday, May 28, Afternoon Session		
Speaker	Title	Time(EDT)
Kenneth Johnson	"q-circulants"	3:20 PM
Bret Benesh	"A game on Z_n "	3:55 PM
Jorg Feldvoss	"Semi-simple Leibniz algebra "	4:30 PM
Dustin Story	"Determining synchronization of certain classes of primitive groups of affine type"	5:05 PM

Saturday, May 29, Morning Session		
Speaker	Title	Time(EDT)
Adnan Tercan	"Extending modules and related concepts "	8:40 AM
Ramazan Yasar	"Weak versions of extending modules"	9:15 AM
Viji Thomas	"On a theorem of Schur"	9:50 AM
Patrizia Longobardi	"A new criterion for solvability of a finite group"	10:25 AM

Saturday, May 29, Midday Session		
Speaker	Title	Time(EDT)
Maria Ferrara	"Groups whose proper subgroups are either abelian or pronormal "	12:00 NN
Patali Komma	"Non-inner automorphisms of order p in 2-generator finite p-groups"	12:35 PM

Saturday, May 29, Afternoon Session		
Speaker	Title	Time(EDT)
Rachel Skipper	"Maximal subgroups of Thompson's groups V"	3:20 PM
Matt Zaremsky	"Finiteness properties of normal subgroups of the Stein group $F_{2,3}$ "	3:55 PM
Mark Sapir	"Closed subgroups of the R. Thompson group F"	4:30 PM
Zoran Sunic	"Laconic semigroups, laconic varieties, and the membership problem"	5:05 PM

**Second
Weekend**

**Friday,
June 04,
Morning
Session**

Speaker	Title	Time(EDT)
Xueyu Pan	"Groups of small order type"	8:40 AM
Ana Martínez-Pastor	"On products of π -decomposable groups and Hall-like theorems"	9:15 AM
Carmen Melchor	"Products of classes which are a union of two classes"	9:50 AM
Santiago Barrera Acevedo	"Cocyclic Hadamard matrices of order $4p$ "	10:25 AM

**Friday,
June 04,
Midday
Session**

Speaker	Title	Time(EDT)
Agota Figula	"Stenier loops of affine type"	12:00 NN
Carl-Fredrik Nyberg Brodda	"The Muller-Schupp theorem for special monoids"	12:35 PM
Alexandre Grishkov	"Group of right multiplications of free Bol loop of exponent two"	1:10 PM
Jonathan Doane	"Affine duality, indeed"	1:45 PM

**Friday,
June 04,
Afternoon
Session**

Speaker	Title	Time(EDT)
Casey Donovan	" $3/2$ -generated semigroups"	3:20 PM
Mark Lewis	"Graphs associated with groups"	3:55 PM
Heiko Dietrich	"Quotient algorithms (a.k.a. how to compute with finitely presented groups)"	4:30 PM
Alexander Hulpke	"Rewriting systems and group extensions"	5:05 PM

**Saturday,
June 05,
Morning
Session**

Speaker	Title	Time(EDT)
Noelia Rizo	"Blocks with few irreducible characters "	8:40 AM
Lucia Sanus	"Character degrees in separable groups "	9:15 AM
J. Miquel Martínez	"Degrees of characters in the principal block"	9:50 AM
Lucas Gagnon	"A gluing lemma for supercharacter theories "	10:25 AM

**Saturday,
June 05,
Midday
Session**

Speaker	Title	Time(EDT)
Chimere Stanley Anabanti	"Groups with a given number of nonpower subgroups"	12:35 PM
Shuchen Mu	"Hochschild transfer is group transfer"	1:10 PM
Matthias Neumann-Brosig	"Computing the Frattini subgroup of a polycyclic group"	1:45 PM

**Saturday,
June 05,
Afternoon
Session**

Speaker	Title	Time(EDT)
Jeffrey Riedl	"Congruences involving binomial coefficients arising from p -groups "	3:20 PM
Eric Swartz	"Restrictions on parameters of partial difference sets in nonabelian groups"	3:55 PM
Ben Fine	"Elementary and universal theory of group rings"	4:30 PM

Here is the detailed
program with
abstracts.

Zassenhaus
Conference Main
Website

From:
<https://www2.math.binghamton.edu/> - **Department of Mathematics and Statistics, Binghamton University**

Permanent link:
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