

Saturday, May 30, 2026; Morning Session

Location: Room 228 MSB

Session Chair:

- 7:00 AM - 7:45 AM **Conference registration**
- 8:00 AM - 8:10 AM **Opening Remarks**
- 8:20 AM - 8:40 AM Mandi SCHAEFFER FRY (University of Denver)
Isaacs-Navarro's Galois Refinement of the McKay Conjecture
- 8:50 AM - 9:10 AM Hanlim JANG (Binghamton University)
The building associated to a BN-pair
- 9:20 AM - 9:40 AM Eden KETCHUM (University of Denver)
Characters and Sylow subgroup generation
- 9:50 AM - 10:10 AM **COFFE BREAK**
- 10:10 AM - 10:30 AM Alexander BORISOV (Binghamton University)
On the problem of faithfulness of the Burau representation of B_4
- 10:40 AM - 11:00 AM Inna SYSOEVA (Binghamton University)
Welded braid groups, their (irreducible) representations, and linearity questions
- 11:10 AM - 11:30 AM Casey DONOVEN (Montana State University Northern)
2-coverings of semigroups
- 11:40 AM - 12:00 PM Shannon TEFFT (Rose-Hulman Institute of Technology)
Examining Ducci sequences on \mathbb{Z}_m^n where m, n are powers of 2
- 12:10 PM - 12:15 PM Conference photograph

LUNCH BREAK

12:15 - 2:00 PM

Saturday May 30, 2026; Afternoon Session

Location: Room 228 MSB

Session Chairs

- 2:00 PM - 2:20 PM Thomas KELLER (Texas State University)
Gruenberg-Kegel graphs of T -solvable groups
- 2:30 PM - 2:50 PM Alexa RENNER (Rose-Hulman Institute of Technology)
Prime graphs of infinite groups
- 3:00 PM - 3:20 PM Andrew SUMMERS (Kent State)
Classifying character degree graphs with eight vertices
- 3:30 PM - 3:40 PM **SHORT BREAK**
- 3:40 PM - 4:00 PM Tuval FOGUEL (Adelphi University)
Trivial-intersection transitivity in finite groups
- 4:10 PM - 4:30 PM Arturo MAGIDIN (University of Louisiana at Lafayette)
**Dominions and nonsurjective epimorphisms
in varieties of groups**
- 4:40 PM - 5:00 PM Fernando GUZMAN (Binghamton University)
Mixed-magmas and homotopism theorems

CONFERENCE BANQUET

6:00 – 9:00 PM

Laziza's – Downtown Kent

Sunday, May 31, 2026; Morning Session

Location: Room 228 MSB

Session Chairs

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| 8:00 AM - 8:20 AM | Alexandre TURULL (University of Florida)
The linear characters of basic characters |
| 8:30 AM - 8:50 AM | Thomas WOLF (Ohio University)
Group properties determined by 2-generator subgroups |
| 9:00 AM - 9:20 AM | Nic BEIKE (Kent State)
Non-nilpotent solvable groups with
four prime power character degrees and derived length four |
| 9:30 AM - 9:50 AM | Wil COCKE (U.S. Army and Carnegie Mellon University)
The category of centralizer lattices |
| 10:00 AM - 10:30 AM | COFFEE BREAK |
| 10:30 AM - 10:50 AM | JP COSSEY (University of Akron)
The number of ordinary characters containing a Brauer character
in a solvable group |
| 11:00 AM - 11:20 AM | Ryan McCULLOCH (Binghamton University)
Finite groups with many elements of the same order |
| 11:30 AM - 11:50 AM | Brandon MARTIN (Kent State)
Groups with a fixed character degree |
| 12:00 PM - 12:20 PM | Thu QUAN (Binghamton University)
A generalization of Camina pairs and orders of elements in cosets |
| 12:30 PM - 12:50 PM | Samantha WYLER (Kent State)
Semi extra special groups of order p^{12} and center p^2 |
| 12:50 PM - 1:00 PM | CLOSING REMARKS |