

Program

Friday, August 11, 2023

All talks will be held at the ground level in the University Room, Maucker Building.

Time	Title of the talk and presenter
9:15am	Welcome: Jose Herrera, Provost, University of Northern Iowa (UNI) Opening Remarks: Doug Mupasiri, Head, UNI Department of Mathematics
9:30am – 10:10am	Title: <i>Harris Graphs – an introduction</i> Speaker: Douglas Shaw (UNI)
10:25am – 11:05am	Title: <i>The Geometry of the Hyperelliptic Torelli Group</i> Speaker: Tatsunari Watanabe (ERAU, Prescott)
	Conference Lunch
1:15pm – 2:15pm	Plenary Talk 1 Title: <i>Matrices with Perron-Frobenius Properties</i> Speaker: Daniel B. Szyld (Temple University)
2:30pm – 3:10pm	Title: <i>Tetrahedra: Tilings and Scissors-Congruence</i> Speaker: Anas Chentouf (MIT)
	Tea/Coffee Break
3:50pm – 4:30pm	Title: <i>A Low-Cost Algorithm to Determine Orbital Trajectories within Cislunar Region</i> Speaker: Sirani M. Perera (ERAU, Daytona Beach)
4:45pm – 5:15pm	Title: <i>Uniform exponential growth of Lie algebras and their associated universal enveloping algebras</i> Speaker: Christopher Briggs (ERAU, Prescott) – via Zoom

Saturday, August 12, 2023

All talks will be held at the first level in Ballroom C, Maucker Building.

Time	Title of the talk and presenter
9:20am – 10:00am	Title: <i>Geometric Analysis Under Ricci Curvature Bounds</i> Speaker: Shoo Seto (California State University, Fullerton)
10:15am – 10:55am	Title: <i>Rotation Operations on the Errera Map and its Variations - Part I</i> Speaker: Weiguo Xie (University of Minnesota Duluth)
11:10am – 12:10pm	Plenary Talk 2 Title: <i>On Finite Rings and Their Groups of Units</i> Speaker: Yasuyuki Hirano (Hiroshima Institute of Technology, Japan)
	Conference Lunch
1:15pm – 1:55pm	Title: <i>DSR-graphs and group algebras</i> Speaker: Tsunekazu Nishinaka (University of Hyogo, Japan)
2:10pm – 2:50pm	Title: <i>Introduction to Fully Prime Rings</i> Speaker: Hisaya Tsutsui (ERAU, Prescott)
	Tea/Coffee Break
3:20pm – 4:20pm	Plenary Talk 3 Title: <i>Universal localization at semiprime Goldie ideals</i> Speaker: John Beachy (Northern Illinois University)
4:35pm - 5:35pm	Poster Session: • Ehiarshan Obeason (Illinois State University) • Kodjo Houssou (University of Minnesota Twin City) • Cesiley Barnes (Illinois State University)
7:00pm	Conference Dinner Venue: George's Local, 108 E 4th St, Cedar Falls, IA 50613

Sunday, August 13, 2023

All talks will be held at the first level in Ballroom C, Maucker Building.

Time	Title of the talk and presenter
9:30am – 10:10am	Title: <i>Rotation Operations on the Errera Map and its Variations – Part 2</i> Speaker: Andrew Bowling (University of Minnesota Duluth)
11:20am – 12:20pm	Plenary Talk 4 Title: <i>On certain algebraic structures associated with Lie (super)algebras</i> Speaker: Noriaki Kamiya (University of Aizu, Japan)
	Conference Lunch
1:15pm – 1:55pm	Title: <i>Semi-Implicit Time Integration for Partial Differential Equations and The Method of Regularized Stokeslets</i> Speaker: Benjamin Stager (Tulane University) – via Zoom
2:10pm – 3:10pm	Plenary Talk 5 Title: <i>Reverse Orthogonal Polynomials</i> Speaker: Steven H. Weintraub (Lehigh University)
	Closing Remark