Contributed Papers Session Schedule For Friday, April 5, 2002

Time	Schiff Center Room 1	Schiff Center Room 2	Schiff Center Room 3	Schiff Center Room 4	Schiff Center Room 5
	Session Chair Bob Dieffenbach	Session Chair Judy Holdener	Session Chair David Meel	Session Chair Lew Ludwig	Session Chair Thomas Dence
4:15	**One Semester Calculus with the TI-92** **BARBARA ASHTON** Faculty: Wittenberg Univ	**A Last Digit Effort** **IAN DETERS** Student: Malone Coll	**Linear Algebra Web Modules: The future is now** **DAVID MEEL** Faculty: Bowling Green St Univ	**Identification Numbers, Check Digits, and Error Correction** **LEW LUDWIG** Faculty: Kenyon Coll	**Sines and Chords** **JUSTUS BRAKE** Student: Cleveland St Univ
4:35	**Dragons and other Creatures on a TI-89** **BOB DIEFFENBACH** Faculty: Miami Univ-Middletown	**Is This The Right Number?** **ERIN ZUERCHER** Student: John Carroll Univ	**Singular Value Decomposition Visualization: a New Web-based Version** **THOMAS HERN** Faculty: Bowling Green St Univ	**My summer experience in bioinformatics** **LINDSAY SABIK** Student: Kenyon Coll	**The Analysis of Truth Tables to Help Ellen get Home** **BEKA BLACK** Student: Ashland Univ
4:55	**The classroom setting - does it make a difference?** **APARNA HIGGINS** Faculty: Univ of Dayton	**1/19th of a generating function** **CURTIS BENNETT** Faculty: Bowling Green St Univ	**Quaternions** **ROBERT SHUTTLEWORTH** Student: Youngstown St Univ	**Thermal Damage Model to Predict Cell Death for MRI Guided Surgery** **MIYUKI BREEN** Student: The Univ of Akron	**Kepler's Conjecture** **KELLI HALL** Student: Marshall Univ
5:15	**The Absolute Value of Teaching Math: Turning Negatives into Positives** **DAVE SOBECKI** Faculty: Miami Univ	**Slick Cyclic Numbers** **ERIKA LOOMIS** Student: Ashland Univ	**The Roots of Unity** **KATIE JONES** Student: The Univ of Akron	**An Analysis of Bertrand's Paradox in Geometric Probability** **HILARY STORK** Student: Otterbein College	**Sequences, differentials, divergence, and convergence** **DAVID STROUP** Student: Cleveland St Univ
5:35		**On a Theorem of Touchard and the Form of Odd Perfect Numbers** **JUDY HOLDENER** Faculty: Kenyon Coll	**Is it Possible to Square this Circle?** **BENJAMIN MARKO** Student: The Univ of Akron	**The Luck Of The Draw: More than Kicking and Punching** **LORENZO RASHID** Student: Cleveland St Univ	**How a couple of crazies tried to outfox the Great Whoosie** **THOMAS DENCE** Faculty: Ashland University
5:55		**The Complexonacci Numbers, a New Type of Fibonacci Sequence** **CORAL WHEELER** Student: The Univ of Akron	**Weak Associative Laws in Quasigroups** **CHRISTOPHER BOMBA** Student: Univ of Dayton	**In the Ballpark of Perfection** **TRACI MCLAUGHLIN** Student: Ashland Univ	**Orthogonality in Function space** **ADITYA JOSHI** Student: Cleveland St Univ
6:15					**An Introduction to Elliptic Curve Cryptography** **AMY J. HERRON** Student: Miami University

Contributed Papers Session Schedule For Saturday, April 6, 2002

Time	Schiff Center Room 1	Schiff Center Room 2	Schiff Center Room 3	Schiff Center Room 4	Schiff Center Room 5
	Session Chair Leah Frazee	Session Chair Felipe Martins	Session Chair Jon Stadler	Session Chair Brian Shelburne	Session Chair Floyd Barger
10:20	**Divisibility of Generalized Fibonacci Sequences by 2n-1** **LEAH FRAZEE** Graduate Student: Miami Univ-Oxford	**A new way of looking at primitive roots** **MIHAI CARAGIU** Faculty: Ohio Northern Univ	**Lights Out and its variants** **JON STADLER** Faculty: Capital Univ	**Archways into Mathematics: Teaching a new Carpenter an old Trick** **SARAH WETZEL** Student: Ashland Univ	**Optimization in Precalculus** **Floyd Barger** Faculty: Youngstown State Univ
10:40	**On a Fibonacci identity** **NICHOLAS VIDOVICH** Student: Ohio Northern Univ	**The Application of Group Theory to Chemistry** **ISABEL AVERILL** Student: The Univ of Akron	**The Restricted Three-Body Problem** **LISA ZIMMERMAN** Student: Capital Univ	**An application of a Markov chain.** **MEGAN LIPIEC** Student: Cleveland St Univ	**The Parity Theorem & The Magic 15 Puzzle** **Christopher Jones** Student: Youngstown State Univ
11:00	**Magic in Robertson Squares** **CHRISTINE FALLER** Student: Ashland Univ	**A Model for Biochemical Switches** **JACOB LAND and AMANDA MARPLE** Students: Cleveland St Univ	**A square root algorithm** **THOMAS JONELL** Student: Ohio Northern Univ	**How the ENIAC took a Square Root** **BRIAN SHELBURNE** Faculty: Wittenberg Univ	**Automated Generation of Two- and Three-Dimensional Fractal Tilings** **JONATHAN HAFNER** Student: The Univ of Akron
11:20	**Scheduling Tournaments Using Combinatorial Designs** **DAVID GERBERRY** Student: Youngstown St Univ	**Publishing Maple Animations on the Web** **FELIPE MARTINS** Faculty: Cleveland St Univ	**A real world application of the catenary function.** **ARIC WHITINGTON** Student: Kenyon Coll	**Fractal Exploration: A Look at Mandelbrot and Julia sets in 2 and 3 dimensions** **MATT VALERIO** Student: Ohio Northern Univ	**PascGalois Triangles and Visualization Techniques of Abstract Algebra** **JOEL RABE** Student: The Univ of Akron
11:40	**Pythagorean Triples and Plouffe's constant** **BARBARA MARGOLIUS** Faculty: Cleveland St Univ	**Self-complimentary graphs and Ramsey numbers** **ERIC SCHULTE** Student: Kenyon Coll	**Four Equivalent Forms of Cauchy-Riemann Equations** **REBEKAH CARTER** Student: Otterbein College	**Save a lot or a little!** **SARAH GROVE** Student: Youngstown St Univ	**Mathematical Pointilism** **JAMES SHUSTER** Student: Youngstown State University