CCSC
CONSORTIUM FOR COMPUTING SCIENCES IN COLLEGES
Midwest Region

2023 Midwest Conference Schedule – October 20-21, 2023
University of Indianapolis, Indianapolis, Indiana

Friday, October 20th	
9:00 am – 12:00 pm	**Pre-Conference Workshop**s
	Workshop #1:(Room: _____) DEVELOPING A TWITTER CLONE BY USING A NO-CODE SOFTWARE PLATFORM *Huseyin Ergin,* Ball State University
11:00 am – 4:00 pm	**Registration** (Room: _____)
1:15 pm – 1:30 pm	**Conference Opening** (Room: _____), Conference & Site Chairs and Administrator _____
1:30 pm – 2:15 pm	**Keynote Address** (Room: _____)**:** *Jonathan Sweeny*, FBI, "CYBERSECURITY ARMS RACE"
2:30 pm – 3:45 pm	**Concurrent Session I**

Tutorial (Room: _____) Session Chair: *Stefan Brandle* CHATGPT: THE GOOD, THE BAD, AND THE UGLY *James K. Huggins* Kettering University	**Industry Panel** (Room: _____) Session Chair: *Christopher Stanley* WHAT CS STUDENTS NEED TO HEAR FROM INDUSTRY *Brad Pillow* - PillowSoft, LLC *Deandra Rodricks* - Blackink IT *Cheri Walker-Owens* - State of Indiana *Robert Zigon* - Beckman-Coulter

3:45 pm – 4:15 pm	**Break** (_____)
3:45 pm – 5:45 pm	**Student Posters & Showcase** (Room: _____) Chair: _____
4:15 pm – 5:45 pm	**Concurrent Session II**

Paper Session (Room: _____) Session Chair: *Ahmed Elmagrous* CLICKING YOUR WAY TO SECURITY: A REVIEW OF CONTINUOUS USER AUTHENTICATION WITH MOUSE DYNAMICS *Ali Rashid, Cole Schoenbauer, James O'Reilly, Marcho Handoko, Rushit Dave, Mounika Vanamala* Minnesota State University, Mankato ENHANCING MOUSE DYNAMICS FOR CONTINUOUS SECURE AUTHENTICATION USING MACHINE LEARNING *Braxton Fair, Cole Harp, Mahlet Asmare, Mohammed Khalil, Rushit Dave, Mounika Vanamala* Minnesota State University, Mankato **Works In Progress** SECVIEW: A DESIGN FOR LIGHTWEIGHT SECURITY CODE REVIEWS THROUGH LIVE STATIC ANALYSIS INTEGRATION *Tyler Thomas*, University of Wisconsin EXPLORING THE QUALITY AND VULNERABILITIES OF OPEN SOURCE SYSTEMS: AN EMPIRICAL INVESTIGATION *A. Ali Magrous and S. Mohamed Alnaeli* University of Wisconsin	**Panel** (Room: _____) Session Chair: *Mary Jo Geise* Moderator: *Jean Mehta* THE INFLUENCE OF GENERATIVE AI ON PEDAGOGY AND ASSESSMENT IN COMPUTING EDUCATION *Brett A. Becker*, University College, Dublin *Wen-Jung Hsin*, Park University *Joe Hummel*, Northwestern University *Bill Kerney*, Clovis Community College *Brian Krupp*, Baldwin Wallace University *Jean Mehta*, Saint Xavier University

6:00 pm – 7:45 pm	**Dinner and Evening Address (Room: _____)** *Emily Kitterman*, TechPoint, "OPPORTUNITIES FOR TALENT IN INDIANA'S DIGITAL INNOVATION ECONOMY: A CAREERS IN TECH PRESENTATION"
8:00 pm – 8:30 pm	**CCSC Midwest Region Business Meeting** (Room: _____), Note: *Steering Committee Immediately following*
8:00 pm – 10:45 pm	**Student Programming Competition Practice Session** (Room: _____), *Paul Talaga*
9:00 pm – 10:00 pm	**Two-Year Institutions BOF** (Room: _____), *Kris Roberts*

Saturday, October 21st	
7:30 am – 8:30 am	**Continental Breakfast** (Room: _____)
8:00 am – 12:00 pm	**Student Programming Contest** (Room: _____), *Paul Talaga*
8:30 am – 10:00 am	**Concurrent Session III**

Paper Session (Room: _____), Session Chair: _____	**Tutorial** (Room: _____) Session Chair: _____	**Works In Progress** (Room: _____), Session Chair: _____
AN ALTERNATIVE PROGRAMMING PARADIGM FOR BLOCKS-BASED LANGUAGES *Huseyin Ergin*, Ball State University *Jeff Gray*, University of Alabama *Ryan Hunter*, TechWise Academy GENERATING FUNCTIONS WITHOUT TOIL *Christopher A. Healy* Furman University ENGINEERING A BETTER SOFTWARE ENGINEERING COURSE *Michael P. Rogers* University of Wisconsin Oshkosh	BLOOM'S FOR COMPUTING: CRAFTING LEARNING OUTCOMES WITH ENHANCED VERB LISTS FOR COMPUTING COMPETENCIES *Pam Schmelz* Ivy Tech Community College	USING CHATGPT TO DEVELOP AND REFINE COMPUTER SCIENCE ASSESSMENT PROMPTS *Benjamin T. Fine* University of Wisconsin-Eau Claire SOFTWARE DESIGN COMPREHENSION USING FUNCTION POINT AND ARTIFICIAL INTELLIGENCE IN COMPUTER SCIENCE PROGRAMS *Bhaskar Sinha, Pradip Peter Dey, Mohammad Amin* National University A TEACHING STRATEGY FOR UNDECIDABLE PROBLEMS *Pradip Peter Dey, Mohammad Amin, Bhaskar Raj Sinha, Hassan Badkoobehi* National University STRATEGIES FOR INTRODUCING MATHEMATICAL CONCEPTS TO COMPUTER SCIENCE STUDENTS *Mohammad Amin, Bhaskar Sinha, Pradip Peter Dey, Laith Al Any* National University GROUP REVIEW SESSIONS: ONLINE TUTORING FOR SUCCESS IN PROGRAMMING COURSES *Kristi Hall, Suguna Chundur, Valentine Johns* University of Cincinnati, Clermont TOWARDS AN AI-AWARE PEDAGOGY IN IT EDUCATION **Suguna Chundur, Kristi Hall** University of Cincinnati, Clermont

10:00 am – 10:30 am	**Break** (Room: _____)
10:30 am – Noon	**Concurrent Session IV**

Paper Session (Room: _____) Session Chair: _____	**Tutorial** (Room: _____) Session Chair: _____	**Nifty Assignments** **(Room: _____)** Session chair: _____
EXAMINE THE USABILITY AND INTERACTION OF A NEXT GENERATION VIRTUAL WORLD EDUCATION GRID MODEL *Imad Al Saeed* Saint Xavier University PILOT STUDY OF DEPLOYING IOT MICRO AIR QUALITY SENSORS IN AN URBAN ENVIRONMENT: LESSONS LEARNED *Julia Gersey, Brian Krupp, Jonathon Fagert* Baldwin Wallace University	DEVELOPING IDENTITY-FOCUSED PROGRAM-LEVEL LEARNING OUTCOMES FOR LIBERAL ARTS COMPUTING PROGRAMS *Jakob Barnard*, University of Jamestown *Grant Braught*, Dickinson College *Janet Davis*, Whitman College *Amanda Holland-Minkley*, Washington & Jefferson College *David Reed*, Creighton University *Karl Schmitt*, Trinity Christian College *Andrea Tartaro*, Furman University *James Teresco*, Siena College	INTERACTIVE FINITE GROUP EXPLORATIONS GENERATED BY QUANTUM GATE MATRICES *John Pais,* Ladue Horton Watkins High School STATE DIAGRAMS IN HARDWARE AND SOFTWARE *Ramachandra B. Abhyankar,* Indiana State University OLD MACDONALD HAS A FARM *Stephen Larson,* Slippery Rock University of PA CS-458 SOFTWARE ENGINEERING PRACTICUM: SENIOR PROJECT PITCH SHOWCASE *Tyler Thomas*, University of Wisconsin CONFIGURING THE FIREWALL ON A WEB SERVER USING CISCO PACKET TRACER *Imad Al Saeed,* Saint Xavier University

12:15 pm – 1:15 pm	**Lunch Break** (Room: _____)
1:15 pm – 2:15 pm	**CCSC: MW 2024 Conference Planning** (Room: _____)