CCSC Consortium for Computing Sciences in Colleges

2021 Midwest Conference Schedule – October 1-2, 2021 - Ivy Tech Community College, Fort Wayne, Indiana

Thursday, September 30th	
7:00 pm – 11:00 pm	**CCSC National Board Meeting**

Friday, October 1st	
11:00 am – 4:00 pm	**Registration** (Room: TBA)
1:00 pm – 1:15 pm	**Conference Opening** (Room: TBA)
1:15 pm – 2:00 pm	**Keynote Address:** (Room: TBA) James Weaver, Quantum Developer Advocate At IBM, "An Entertaining Introduction to Quantum Computing"
2:15 pm – 3:45 pm	**Concurrent Session I**

Paper Session (Room: TBA) Session Chair – Jeff Lehman	Panel (Room: TBA) Session Chair – Grace Mirsky	Tutorial (Room: TBA) Session Chair – Stefan Brandle	Vendor (Rm: TBA) Session Chair – Takako Soma
GODOT ENGINE AND CHECKLIST-BASED SPECIFICATIONS: REVISING A GAME PROGRAMMING CLASS FOR ASYNCHRONOUS ONLINE TEACHING Paul Gestwicki A MACHINE LEARNING APPROACH TO UNDERSTANDING THE VIABILITY OF PRIVATE 4-YEAR HIGHER-EDUCATION INSTITUTIONS Kian Pokorny CONDUCTING SURVEY RESEARCH IN A COMPUTING TOPICS COURSE: PHUBBING AND BEING PHUBBED Robert Beasley	WHAT STUDENTS NEED TO KNOW ABOUT THE COMPUTING INDUSTRY Adrian Cornely Embedded Software Engineer Kranze Technology Solutions Casey Henneberry Sr. Analyst / Sr. Front End Engineer Deloitte Mahrukh Raheem Sr. Analyst, App Development CVS Health Anna Stumpf Online Coordinator and Lecturer Center for Information and Communication Sciences Ball State University	PYTHON DATA STRUCTURES FOR JAVA PROGRAMMERS Bill Nicholson	zyBooks

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

Paper Session (Room: TBA) Session Chair – Stefan Brandle	Tutorial (Room: TBA) Session Chair – Cathy Bareiss	Vendor (Rm: TBA) Session Chair – Grace Mirsky
TEACHING CROSS-PLATFORM TECHNOLOGY AND DEMOCRACY Michael Rogers and Bill Siever VISUALIZING RECURSION USING CODE AND STACK ANIMATION Y. Daniel Liang AUTOMATING CONFIGURING PARALLEL COMPUTE ENVIRONMENTS FOR STUDENTS Bryan Dixon	USING GITHUB CLASSROOM FOR ASSIGNMENT MANAGEMENT AND AUTOMATED FEEDBACK Zachary Kurmas	LET'S DO A QWIKLAB Google

6:00 pm – 7:45 pm	**Dinner and Evening Address** (Room: TBA) Joe Czyzyk, Advanced Analytics Math Modeler at Dow Chemical, "How Data Science is Adding Value at The Dow Chemical Company"
8:00 pm – 8:30 pm	**CCSC Midwest Region Business Meeting** (Room: TBA) Note: *Steering Committee Immediately following*
8:00 pm – 10:45 pm	**Student Programming Competition Practice Session** (Room: TBA), Paul Talaga
9:00 pm – 10:00 pm	**Two-Year Institutions BOF** (Room: TBA), Kris Roberts

Saturday, October 2nd	
7:30 am – 8:30 am	**Continental Breakfast** (Room: TBA)
8:30 am – 10:00 am	**Concurrent Session III**

Panel (Room: TBA) THE PHILOSOPHIES OF CS 1 Cathy Bareiss Steve Bogaerts Jessen Havill Osvaldo Jimenez Jeffrey Stone John Trono	**Works In Progress I** (Room: TBA) Session Chair: Paul Gestwicki ASPECTS OF US-CHINA COMPETITION MAY MOTIVATE STUDENTS Pradip Peter Dey and Bhaskar Raj Sinha CAN ONEUP GAMIFIED CHALLENGES BOOST UNDERGRAD STUDENT MOTIVATION PLUS ENGAGEMENT AND SUPPLEMENT LEARNING IN AN ONLINE INTRODUCTORY CYBERSECURITY COURSE? Ankur Chattopadhyay INDIANACOMPUTES! VIEWS OF A K-12 PROFESSIONAL DEVELOPMENT PROGRAM Karen M. Morris, Michele Roberts, David Largent, Jeff Kinne FACULTY-ADVISOR RELATIONSHIP IMPACT ON STUDENT PATHWAYS TO IT CAREERS/EDUCATION Matthew Cloud

9:00 am – 12:00 pm	**Student Programming Contest** (Room: TBA), Paul Talaga
10:00 am – 10:30 am	**Break** (TBA)
10:30 am – 11:45 pm	**Concurrent Session IV**

Panel (Room TBA) INDIANACOMPUTES! VIEWS OF A K-12 PROFESSIONAL DEVELOPMENT PROGRAM Karen M. Morris Michele Roberts David Largent Jeff Kinne Devon Kinne Hossein Hakimzadeh	**Works In Progress II / Nifty Assignment** (Room: TBA) Session Chair: Jeff Lehman DEVELOPING A CROSS-PLATFORM MOBILE COURSE USING A MULTI-PARADIGM LIBRARY Alisa G. Neeman PRACTICAL PROGRAM VERIFICATION WITH DAFNY Ramachandra B. Abhyankar and Robert W. Sternfeld SPEAR PHISHING ATTACK USING KALI LINUX Imad Al Saeed	**Tutorial** (Room: TBA) Session Chair: Stefan Brandle A TUTORIAL ON FLUTTER Michael Rogers

12:00 pm – 1:00 pm	**Lunch Break**
1:00 pm – 2:00 pm	**CCSC:MW 2022 Conference Planning** (Room: TBA)
1:00 pm – 4:00 pm	**Post-Conference Workshop:** TEACHING HETEROGENEOUS PARALLEL PROGRAMMING WITH CUDA, David Bunde