CCSC

**2018 Midwest Conference Schedule - September 28-29, 2018– Ball State University, Muncie, Indiana**

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| **Friday – Tentative Schedule** | | | | |
| 9:00 am – 12:00 pm | **Pre-Conference Workshop**: *Course-in-a-Box: Big Data* Paul Talaga (Pineshelf Room) | | | |
| 11:00 am – 4:00 pm | **Registration** (Ballroom) | | | |
| 1:00 pm – 1:15 pm | **Conference Opening** (Ballroom) | | | |
| 1:15 pm – 2:00 pm | **Keynote Address:** *More Than Algorithms: What Computer Scientists Should Know About Technology And Society* Kentaro Toyama (Ballroom) | | | |
| 2:15 pm – 3:45 pm | **Concurrent Session I** | | | |
| **Paper Session** (SC 301)  Chair – Jeff Lehman  ENGAGING THE CORE: ACM SOCIAL AND PROFESSIONAL ISSUES MADE EASY VIA MOBILE SECURITY Alisa Neeman, Jay Shaffstall  USING AGILE METHODS TO SCAFFOLD TEAM PROJECTS IN AN IT ETHICS COURSE David Woods, Andrea Hulshult  TREADY: A PRIVACY CENTRIC OPEN SOURCE HOME SECURITY SYSTEM  Brian Krupp, Tyler Rupert, Georgina Hasrouni, Bryan Istenes, Kurt Wolfe | | **Tutorial** (SC 303)  INTRODUCTORY GAME DEVELOPMENT  Kris Roberts | **Vendor** (Pineshelf Room)  ICCP  (Institute for Certification of Computing Professionals)  Tracey Byron | |
| 3:45 pm – 4:15 pm | **Break** (Ballroom) | | | |
| 3:45 pm – 5:45 pm | **Student Posters & Showcase** (Ballroom) Chair - Paul Gestwicki | | | |
| 4:15 pm – 5:45 pm | **Concurrent Session II** | | | |
| **Paper Session** (SC 303)Chair – Saleh Alnaeli   AN APPLICATION OF THE ACTOR MODEL OF CURRENCY IN PYTHON: EUCLIDEAN RHYTHM MUSIC SEQUENCER Daniel Prince, Saverio Perugini  CHAMELEON: A CUSTOMIZABLE LANGUAGE FOR TEACHING PROGRAMMING LANGUAGES Saverio Perugini, Jack Watkin  THE DESIGN OF AN EMERGING/MULTI-PARADIGM PROGRAMMING LANGUAGES COURSE Saverio Perugini | | **Paper Session** (SC 301) Chair – Janet Helwig  THE IMPACT OF CHANGING HOMEWORK FREQUENCY IN A COMPUTER ARCHITECTURE COURSE  Micah Taylor, Sid Stamm,  Christine Taylor  INTRODUCING RDMA INTO COMPUTER NETWORKS COURSE: DESIGN AND EXPERIENCE Qian Liu  ENSURING VIDEOS FOR A FLIPPED CLASSROOM INCREASE INCLUSIVITY  Mark Hodges | **Tutorial**  (Pineshelf Room)  GITKEEPER: AN AUTOMATED ASSIGNMENT TESTING ENVIRONMENT BASED ON GIT  Ben Coleman,  Nathan Sommer | **Vendor**  (SC 302)  Google  INTRODUCTION TO CLOUD FUNCTIONS  Laurie White |
| 6:00 pm – 7:45 pm | **Dinner and Banquet Address** (Ballroom) *Using Accountability to Grow Software Development Leadership* Jason Beutler | | | |
| 8:00 pm – 8:30 pm | **CCSC Midwest Region Business Meeting** (Ballroom) Note: *Steering Committee Immediately following* | | | |
| 8:00 pm – 10:45 pm | **Student Programming Competition Practice Session** (RB 355) | | | |
| 9:00 pm – 10:00 pm | **Two-Year Institutions BOF** (Pineshelf Room), M**eet National Board** (Alumni Lounge) | | | |

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| **Saturday – Tentative Schedule** | | | | | |
| 7:30 am – 8:30 am | **Continental Breakfast** (Ballroom) | | | | |
| 8:00 am – 12:00 pm | **Student Programming Contest** (RB 355) | | | | |
| 8:30 am – 10:00 am | **Concurrent Session III** | | | | |
| **Paper Session** (SC 301) Chair - Mark Hall  A COMPARISON STUDY OF ONLINE AND TRADITIONAL STUDENT WITHDRAWAL RATES AT A UNIVERSITY IN THE NORTHEASTERN UNITED STATES Matthew Belella, Danielle Dumbeck,  Mark Meluskey, Raed Seetan  EFFECTIVENESS OF SPECIFICATIONS GRADING IN TEACHING TECHNICAL WRITING TO COMPUTER SCIENCE STUDENTS Grace Mirsky  COURSEUP: HUMAN READABLE COURSE LANGUAGE Micah Taylor | | **Works In Progress** (SC 302) Chair – Paul Gestwicki  TEACHING QUANTUM COMPUTING IN COLLEGE LEVEL COMPUTER SCIENCE PROGRAMS Pradip Dey, Bhaskar Sinha,  Mohammad Amin  THE STATUS OF CS EDUCATION IN INDIANA Jeff Kinne, David Largent  USING VISUAL PROGRAMMING ROBOTS TO ENGAGE STUDENTS IN K-12 CS EDUCATION  Jiang Li, Kaleb Smith  TEACHING METHODS TO TEACH CUDA  Imad Al Saeed | **Tutorial** (SC 303)  A CASE STUDY IN IMPROVED ENROLLMENT AND DISTANCE EDUCATION THROUGH WEBCASTING  Kris Roberts, James Cutright | | **Vendor** (Pineshelf Room)  GOODHEART-WILCOX PUBLISHING  Allen McCaskill |
| 10:00 am – 10:15 am | **Break** (Ballroom) | | | | |
| 10:15 am – 11:45 pm | **Concurrent Session IV** | | | | |
| **Paper Session** (SC 301) Chair – Paul Talaga  BREAKING GOOGLE  RECAPTCHA V2 Yuan Zhou, Zesun Yang, Chenxu Wang, Seongjin Yoon, Matthew Boutell  STORYTELLER: A TOOL FOR CREATING WORKED EXAMPLES Mark Mahoney  PROBLEM-INDEPENDENT TEXT ANALYTICS FOR REAL-TIME JUDGEMENT OF CSCL TYPED-CHAT  Michael Glass, Yesukhei Jagvaral, Nathaniel Bouman, Emily Graham, Stamatina Kalafatis, Lindsey Arndt,  Melissa Desjarlais, Jung Hee Kim,  Kelvin Bryant | | **Nifty Assignments** (SC 302) Chair - Cyrus Grant  SPACE INVADERS WITH A DATABASE-BACKED LEADERBOARD  James Vanderhyde  PUZZLE FOR LOOPS AND STRINGS  Alisa Neeman  PRODUCTIVITY TOOLS  – TRELLO & BEAR  Brian Krupp | **Tutorial** (SC 303)  DEVELOPING A CONTEMPORARY OPERATING SYSTEMS COURSE  Saverio Perugini, David Wright | **Tutorial** (Pineshelf Room)  INTRODUCING OBJECT-BASED CONCEPTS IN A BLOCKS-BASED COURSE USING SNAP!  John Pais | |
| 12:00 pm – 1:00 pm | **Lunch** (Ballroom) | | | | |
| 1:00 pm – 2:00 pm | **CCSC:MW 2019 Conference Planning** (Orr Room) | | | | |

*The CCSC Midwest Conference Committee would like to thank our National Partners Turing's Craft, Google for Education, GitHub, NSF, zyBooks, NCWIT, Teradata University Network, and Mercury Learning and Information for their continued support  
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