

**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 LehmanENGAGING THE CORE: ACM SOCIAL AND PROFESSIONAL ISSUES MADE EASY VIA MOBILE SECURITYAlisa Neeman, Jay ShaffstallUSING AGILE METHODS TO SCAFFOLD TEAM PROJECTS IN AN IT ETHICS COURSEDavid Woods, Andrea HulshultTREADY: A PRIVACY CENTRIC OPEN SOURCE HOME SECURITY SYSTEMBrian Krupp, Tyler Rupert, Georgina Hasrouni, Bryan Istenes, Kurt Wolfe | **Tutorial** (SC 303)INTRODUCTORY GAME DEVELOPMENTKris 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 SEQUENCERDaniel Prince, Saverio PeruginiCHAMELEON: A CUSTOMIZABLE LANGUAGE FOR TEACHING PROGRAMMING LANGUAGESSaverio Perugini, Jack WatkinTHE DESIGN OF AN EMERGING/MULTI-PARADIGM PROGRAMMING LANGUAGES COURSESaverio Perugini | **Paper Session** (SC 301)Chair – Janet HelwigTHE IMPACT OF CHANGING HOMEWORK FREQUENCY IN A COMPUTER ARCHITECTURE COURSEMicah Taylor, Sid Stamm, Christine TaylorINTRODUCING RDMA INTO COMPUTER NETWORKS COURSE: DESIGN AND EXPERIENCEQian LiuENSURING VIDEOS FOR A FLIPPED CLASSROOM INCREASE INCLUSIVITYMark Hodges | **Tutorial**(Pineshelf Room)GITKEEPER: AN AUTOMATED ASSIGNMENT TESTING ENVIRONMENT BASED ON GITBen Coleman, Nathan Sommer | **Vendor**(SC 302)GoogleINTRODUCTION TO CLOUD FUNCTIONSLaurie 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 HallA COMPARISON STUDY OF ONLINE AND TRADITIONAL STUDENT WITHDRAWAL RATES AT A UNIVERSITY IN THE NORTHEASTERN UNITED STATESMatthew Belella, Danielle Dumbeck, Mark Meluskey, Raed SeetanEFFECTIVENESS OF SPECIFICATIONS GRADING IN TEACHING TECHNICAL WRITING TO COMPUTER SCIENCE STUDENTSGrace MirskyCOURSEUP: HUMAN READABLE COURSE LANGUAGEMicah Taylor | **Works In Progress** (SC 302)Chair – Paul GestwickiTEACHING QUANTUM COMPUTING IN COLLEGE LEVEL COMPUTER SCIENCE PROGRAMSPradip Dey, Bhaskar Sinha, Mohammad AminTHE STATUS OF CS EDUCATION IN INDIANAJeff Kinne, David LargentUSING VISUAL PROGRAMMING ROBOTS TO ENGAGE STUDENTS IN K-12 CS EDUCATIONJiang Li, Kaleb SmithTEACHING METHODS TO TEACH CUDAImad Al Saeed | **Tutorial**(SC 303)A CASE STUDY IN IMPROVED ENROLLMENT AND DISTANCE EDUCATION THROUGH WEBCASTINGKris Roberts,James Cutright | **Vendor**(Pineshelf Room)GOODHEART-WILCOX PUBLISHINGAllen McCaskill |
| 10:00 am – 10:15 am | **Break** (Ballroom) |
| 10:15 am – 11:45 pm | **Concurrent Session IV** |
| **Paper Session** (SC 301)Chair – Paul TalagaBREAKING GOOGLE RECAPTCHA V2Yuan Zhou, Zesun Yang, Chenxu Wang, Seongjin Yoon, Matthew BoutellSTORYTELLER: A TOOL FOR CREATING WORKED EXAMPLESMark MahoneyPROBLEM-INDEPENDENT TEXT ANALYTICS FOR REAL-TIME JUDGEMENT OF CSCL TYPED-CHATMichael 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 LEADERBOARDJames VanderhydePUZZLE FOR LOOPS AND STRINGSAlisa NeemanPRODUCTIVITY TOOLS – TRELLO & BEARBrian Krupp | **Tutorial**(SC 303)DEVELOPING A CONTEMPORARY OPERATING SYSTEMS COURSESaverio 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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