Shape of Educational Data Meeting

In Memory of Mika Seppälä

Fairfax, VA

April 7 – April 8, 2016

Thursday, April 7

Time	Speaker(s)
8:30-9:00am	**Welcome and Introductions** Colleen Ganley & Sara Hart, Florida State University
9:00-9:30am	**Calculus Courses' Assessment Data** Matti Pauna, University of Helsinki
9:30-10:00am	**Connecting WeBWorK to Moodle and WEPS** Michael Gage, University of Rochester
10:00-10:15am	**Break**
10:15-10:45am	**Research Findings from ASSISTments: A Collaboration of Multiple Universities to make Learning Research Easier** Neil Heffernan, Worcester Polytechnic Institute
10:45-11:15am	**Video-based Big Data Analytics in Cyberlearning** Paul Wang, University of Maryland
11:15-11:45am	**Online Courses Modelled as Riemann Surfaces, Quadratic Differentials and Ribbon Graphs: A Vision** Peter Buser, Ecole Polytechnique Federale de Lausanne
11:45am-1:00pm	**Lunch**
1:00-1:30pm	**What Does it Mean for Data to Have Shape?** Elizabeth Munch, University at Albany, SUNY
1:30-2:00pm	**Visualizing Shapes of Educational Data** Olga Caprotti, WEPS & Yahya Almalki, Florida State University
2:00-2:30pm	**Using Learning Analytics to Uncover Learning Strategies** Dragan Gasevic, The University of Edinburgh
2:30-2:45pm	**Break**
2:45-3:15pm	**Predictive Modelling as an Enabler of Personalized Learning** Chris Brooks, University of Michigan
3:15-3:45pm	**Discussion** Led by Eamonn Kelly, National Science Foundation
3:45-4:00pm	**Wrap Up** Sara Hart & Colleen Ganley, Florida State University
6:00-8:00pm	**Optional Group Dinner** Ozzie's Good Eats

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9:00-9:30am	**Individual Differences Related to College Students' Course Performance in Calculus II** Sara Hart & Colleen Ganley, Florida State University
9:30-10:00am	**Data Science Foundry for MOOCs** Kalyan Veeramachaneni, Massachusetts Institute of Technology
10:00-10:15am	**Break**
10:15-11:15am	**Discussion** Led by Olga Caprotti, WEPS
11:15-11:45am	**Wrap Up and Future Directions** Colleen Ganley & Sara Hart, Florida State University