

Computational and Data-Enabled Science and Engineering

CDSE DAYS 2017

April 10 - 14, 2017



Keynote speakers: (All talks at 4.30–5.30pm in 101 Davis Hall)

Sharat Chikkerur (Nanigans), “Machine learning for profit: problems in advertising”, Tuesday April 11

Matt Knepley (Rice University), “How should we write simulation software?”, Wednesday April 12,

Sanjog Misra (University of Chicago), “Scalable marketing”, Thursday April 13

CDSE speakers: (All talks at 3.30–4.30pm in 101 Davis Hall)

Robert Bies (UB Pharmacy), “A genetic algorithm approach for building pharmacokinetic models”, Tuesday, April 11

Li Wang (UB Math), “Uncertainty quantification for multiscale linear kinetic equations”, Wednesday April 12

Dominik Roesch (UB Finance), “Time-variation in market efficiency: the code behind the chart”, Thursday, April 13

Workshops:

John Ringland (UB Math): “Python and Jupyter for programmers”, Monday April 10, 8:30am–12:30pm

Martin Morgan (Roswell Park): “R”, Monday April 11, 3:00–6:00pm

Sharat Chikkerur (Nanigans): “Data science from the command line”, Tuesday April 11, 9:00–11:00am

Anthony Scriffignano (Dunn and Bradstreet): “Financial analytics”, Tuesday April 11, 11:00am–12:30pm

Haimonti Dutta (UB Management): “Machine Learning”, Tuesday April 11, 1:00–3:00pm

Varis Carey (University of Colorado Denver): “Adjoint”, Wednesday April 12, 9:00–11:00am

Wojciech Krzyzanski (UB Pharmacy), “Pharmacometrics as interdisciplinary science aiding drug development”,
Wednesday April 12, 11:00am–12.30pm

Sarah Muldoon (UB Math): “Network visualization”, Wednesday April 12, 1:00–3:00pm

Matt Knepley (Rice University): “PetSc”, Thursday April 13, 8:30am–12:30pm

Dennis Patrone (John Hopkins University/APL): “Apache Accumulo”, Thursday April 13, 1:00–3:30pm

Career workshop:

Johannes Hachmann (UB CBE), Friday April 14, 10:00am–4:00pm, 330 Student Union

For further details, up-to-date information and workshop locations, please go to
<http://www.buffalo.edu/cdse> or simply scan the QR code provided.

