

Culture Analytics Tutorials

Tuesday March 8, 2016

- 8:00–9:00 *Check-In/Light Breakfast (Hosted by IPAM)*
- 9:00–10:45 **Emilio Ferrara** (USC Information Sciences Institute)
Social Network Analysis and Visualization
- 10:45–11:00 *Break*
- 11:00–12:30 **Maria D’Orsogna** (California State University, Northridge (CSU Northridge))
Case studies from mathematical models of criminal behavior
- 12:30–1:00 *Core Orientation with IPAM Staff*
- 1:00–2:30 *Lunch (on your own)*
- 2:30–3:30 **Andrea Bertozzi** (University of California, Los Angeles (UCLA))
Session 1: Topic modeling and temporal-spatial metrics for geotagged twitter data
- 3:30–3:45 *Break*
- 3:45–4:45 **Andrea Bertozzi** (University of California, Los Angeles (UCLA))
Session 2: Graph-based methods for data clustering and classification

Wednesday March 9, 2016

- 8:00–9:00 *Check-in/Breakfast (hosted by IPAM)*
- 9:00–10:30 **Tina Eliassi-Rad** (Rutgers University)
Learning, Mining and Networks
- 10:30–10:45 *Break*
- 10:45–11:15 **Adam Russell** (DARPA)
Overview of the Defense Sciences Office and Intersections with Cultural Analytics
- 11:15–1:00 **Vwani Roychowdhury** (University of California, Los Angeles (UCLA))
Creating an artificial cultural brain: What’s missing?
- 1:00–2:15 *Lunch (on your own)*
- 2:15–3:30 **Greg Ver Steeg** (University of Southern California (USC))
Information-theoretic Approaches for Understanding Human Behavior: Part I
- 3:30–3:45 *Break*

(Wednesday schedule continued on next page)



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3:45–5:00 **Aram Galstyan** (USC Information Sciences Institute)
Information-theoretic Approaches for Understanding Human Behavior: Part 2

Thursday March 10, 2016

8:00–9:00 *Check-in/Breakfast (hosted by IPAM)*

9:00–10:45 **Timothy Tangherlini** (University of California, Los Angeles (UCLA))
Culture Analytics and the Humanities: Literary and Cultural Data

10:45–11:00 *Break*

11:00–12:45 **Peter Broadwell** (University of California, Los Angeles (UCLA))
Library Systems and Paradigms of Cultural Data

12:45–2:30 *Lunch (on your own)*

2:30–3:30 **Victoria Vesna** (University of California, Los Angeles (UCLA))
Part 1: Bird Song Diamond: mapping the acoustic network of birds (with John Brumley)

3:30–3:45 *Break*

3:45–4:45 **Victoria Vesna** (University of California, Los Angeles (UCLA))
Part 2: Bird Song Diamond: Art & Artificial Life (with John Brumley)

Friday March 11, 2016

8:00–9:00 *Check-in/Breakfast (hosted by IPAM)*

9:00–10:00 **Jacob Foster** (University of California, Los Angeles (UCLA))
Metaknowledge: Mapping, Measuring, and Modeling Science - Part 1

10:00–10:15 *Break*

10:15–11:15 **Jacob Foster** (University of California, Los Angeles (UCLA))
Metaknowledge: Mapping, Measuring, and Modeling Science - Part 2

11:15–1:00 *Lunch (on your own)*

1:00–2:00 **Lev Manovich** (The Graduate Center, CUNY)
Session 1: Analysis and visualization of image and video datasets

2:00–2:15 *Break*

2:15–3:15 **Lev Manovich** (The Graduate Center, CUNY)
Session 2: Approaches to analyzing cultural data: digital humanities, computer science, and cultural analytics

