

## DATASCAPES: 17 Years of Location Tracking

Stephen Cartwright  
Associate Professor – Sculpture



*Latitude and Longitude Project*

Oct. 13, 1996 - Oct. 13, 1997 and June 21, 1999 - present



	4-21-13	4-22-13	4-22-13	4-24-13	4-25-13	4-25-13	4-26-13
Sunrise	6:06	6:05	6:02	6:02			
Sunset	19:36	19:37	19:38				
00:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
01:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
02:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
03:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
04:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
05:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
06:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
07:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
08:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
09:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
10:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
11:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
12:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
13:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
14:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
15:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
16:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
17:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
18:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
19:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
20:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
21:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
22:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	
23:00	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	40°05'22.000N 88°12.08W	740	

## Latitude and Longitude Project

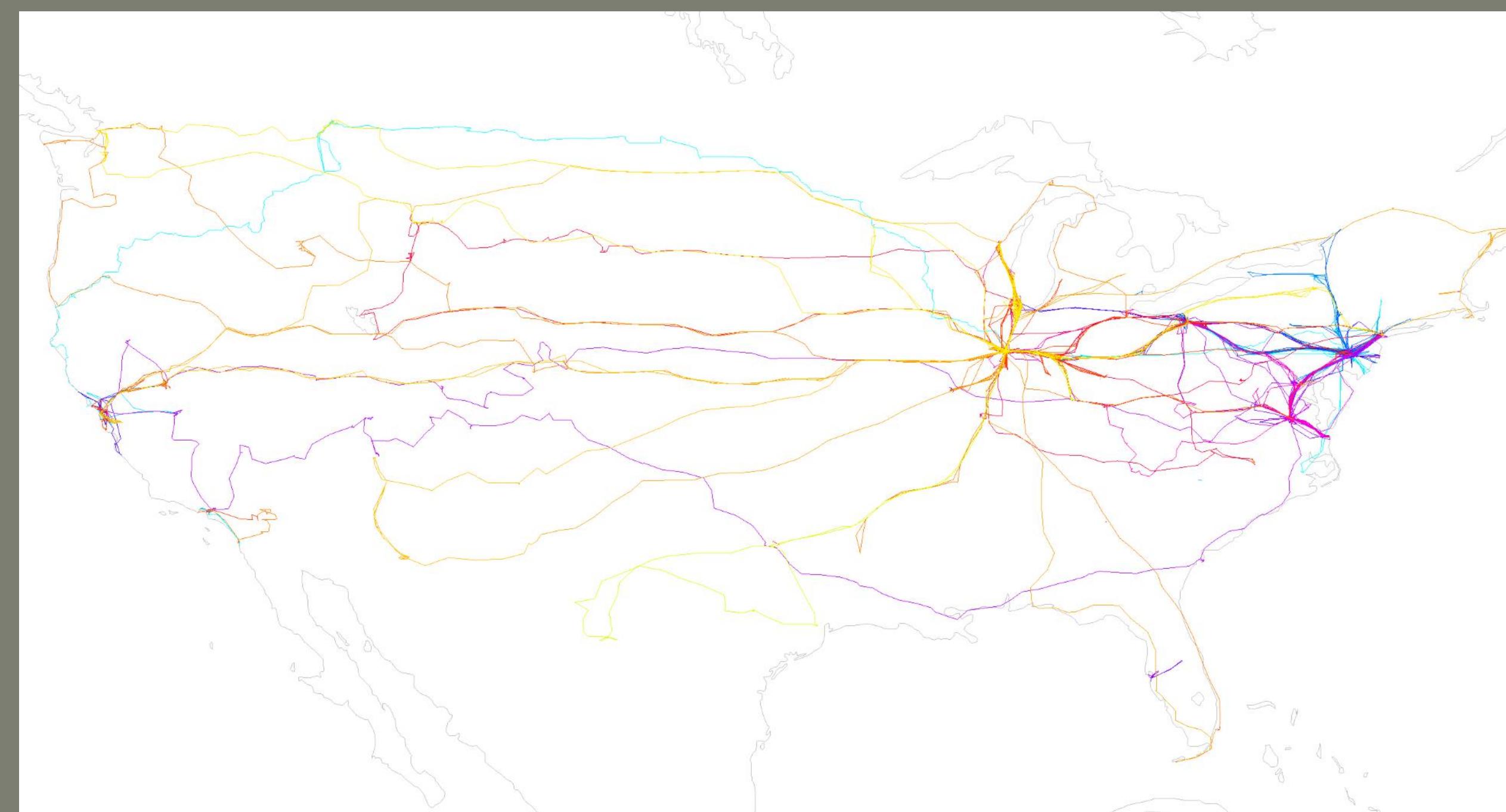
Oct. 13, 1996 - Oct. 13, 1997 and June 21, 1999 - present

Satellite Number	2-4-05	2-7-05	2-8-05	2-9-05	2-10-05	2-11-05	2-12-05
00:00	6158	6159	6160	6161	6162	6163	6164
01:00	6165	6166	6167	6168	6169	6170	6171
02:00	6172	6173	6174	6175	6176	6177	6178
03:00	6179	6180	6181	6182	6183	6184	6185
04:00	6186	6187	6188	6189	6190	6191	6192
05:00	6193	6194	6195	6196	6197	6198	6199
06:00	6200	6201	6202	6203	6204	6205	6206
07:00	6207	6208	6209	6210	6211	6212	6213
08:00	6214	6215	6216	6217	6218	6219	6220
09:00	6221	6222	6223	6224	6225	6226	6227
10:00	6228	6229	6230	6231	6232	6233	6234
11:00	6235	6236	6237	6238	6239	6240	6241
12:00	6242	6243	6244	6245	6246	6247	6248
13:00	6249	6250	6251	6252	6253	6254	6255
14:00	6256	6257	6258	6259	6260	6261	6262
15:00	6263	6264	6265	6266	6267	6268	6269
16:00	6270	6271	6272	6273	6274	6275	6276
17:00	6277	6278	6279	6280	6281	6282	6283
18:00	6284	6285	6286	6287	6288	6289	6290
19:00	6291	6292	6293	6294	6295	6296	6297
20:00	6298	6299	6300	6301	6302	6303	6304
21:00	6305	6306	6307	6308	6309	6310	6311
22:00	6312	6313	6314	6315	6316	6317	6318
23:00	6319	6320	6321	6322	6323	6324	6325
24:00	6326	6327	6328	6329	6330	6331	6332

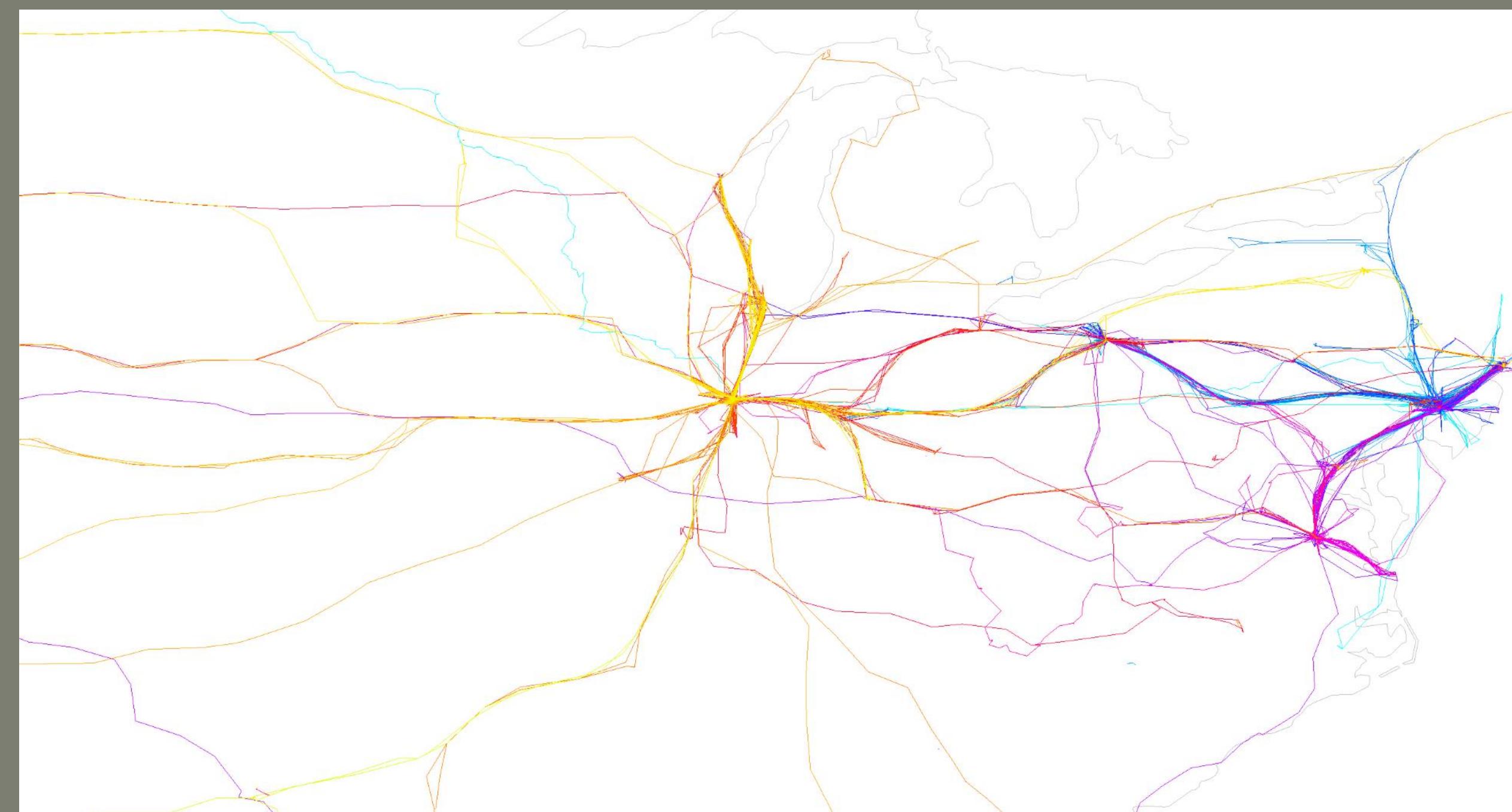
*Latitude and Longitude Project*

Oct. 13, 1996 - Oct. 13, 1997 and June 21, 1999 - present

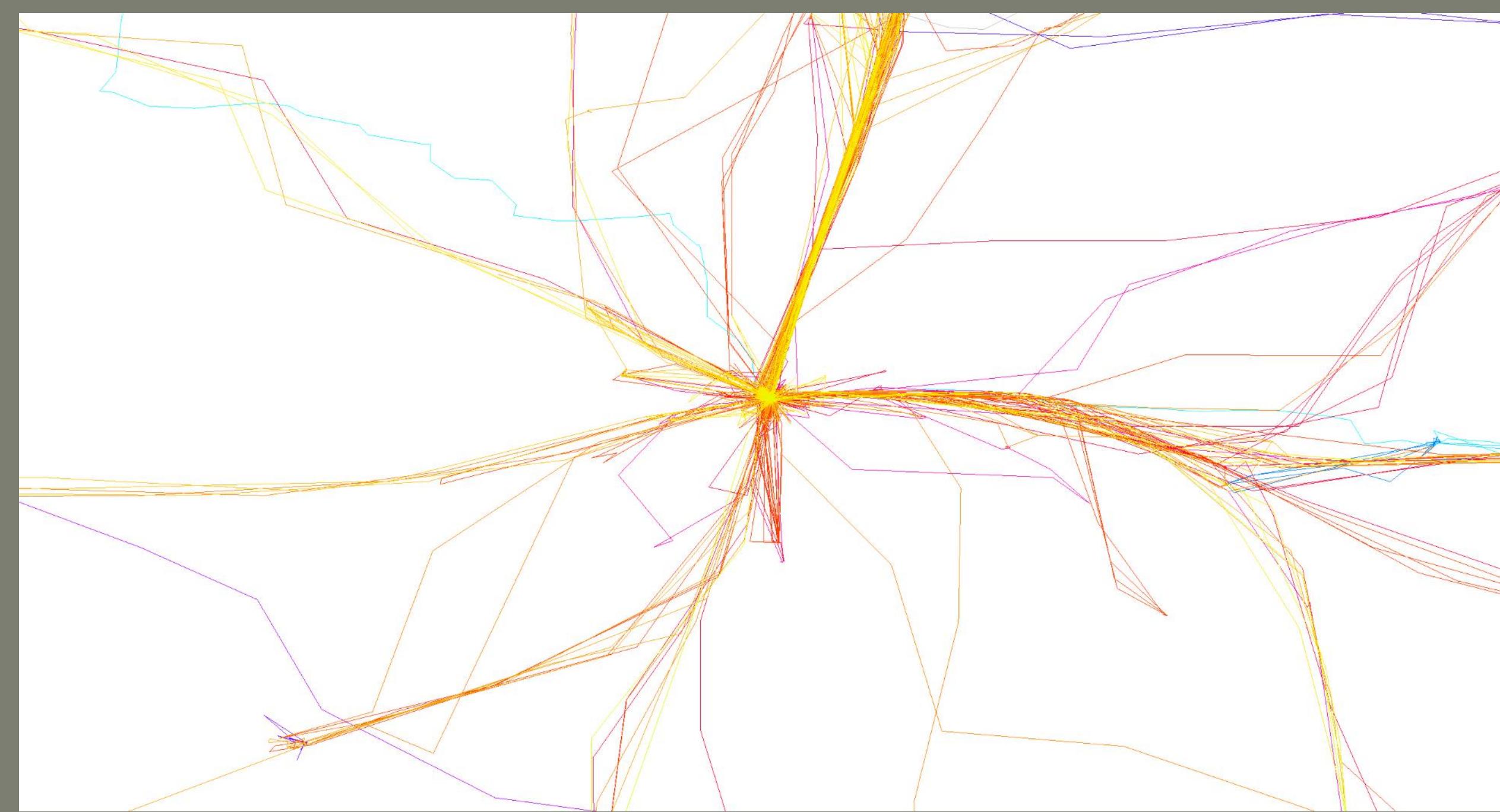




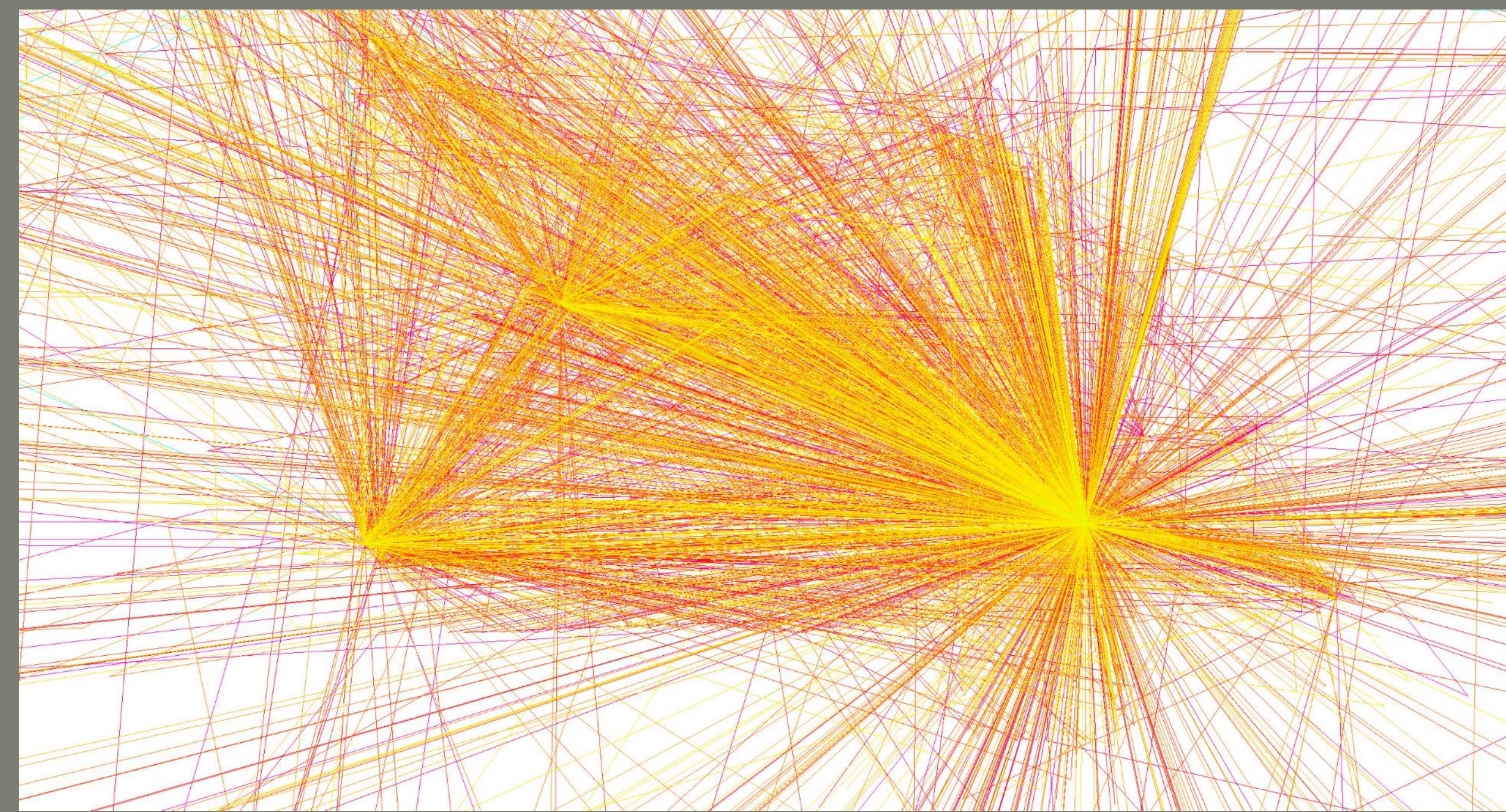
Latitude and Longitude Project North America map



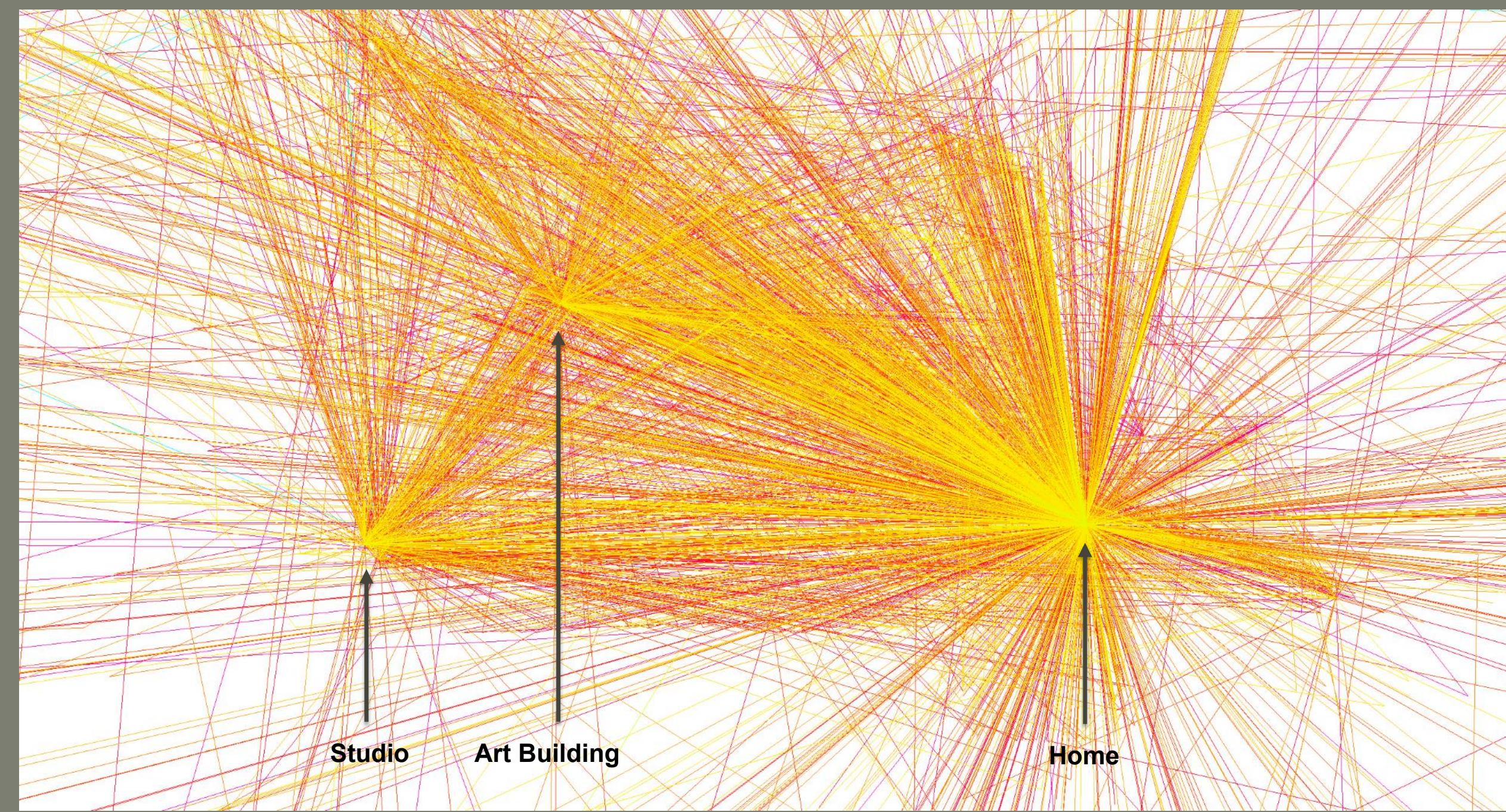
Latitude and Longitude Project Midwest/Northeast USA map



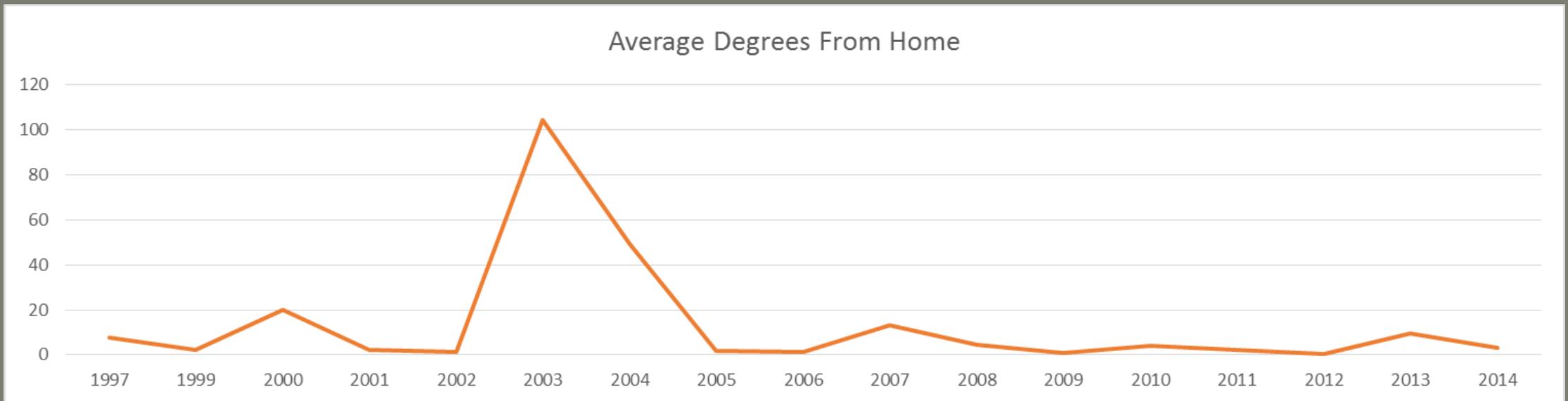
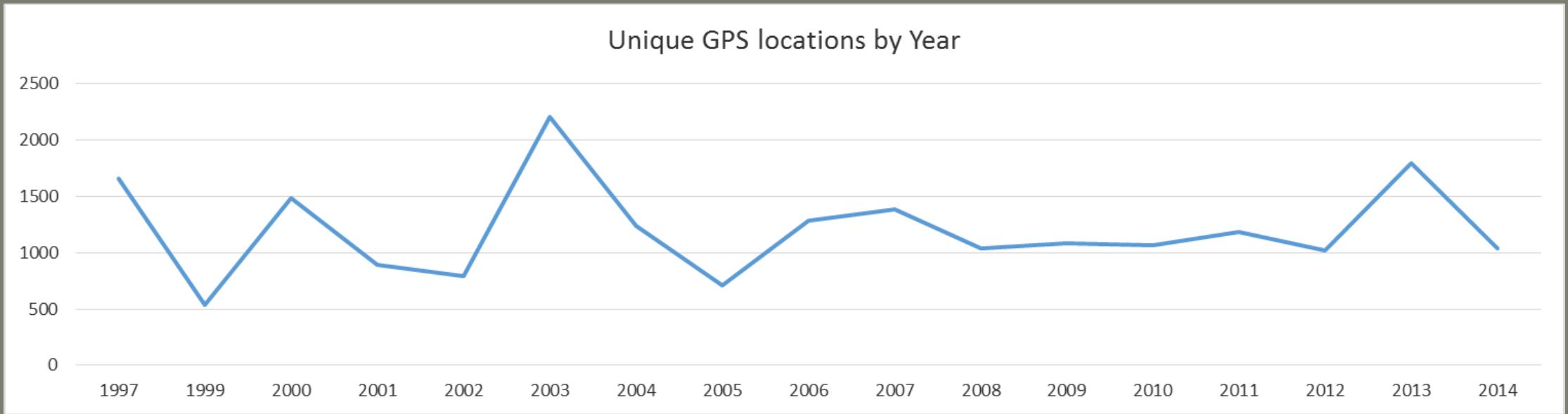
*Latitude and Longitude Project* Central Illinois map

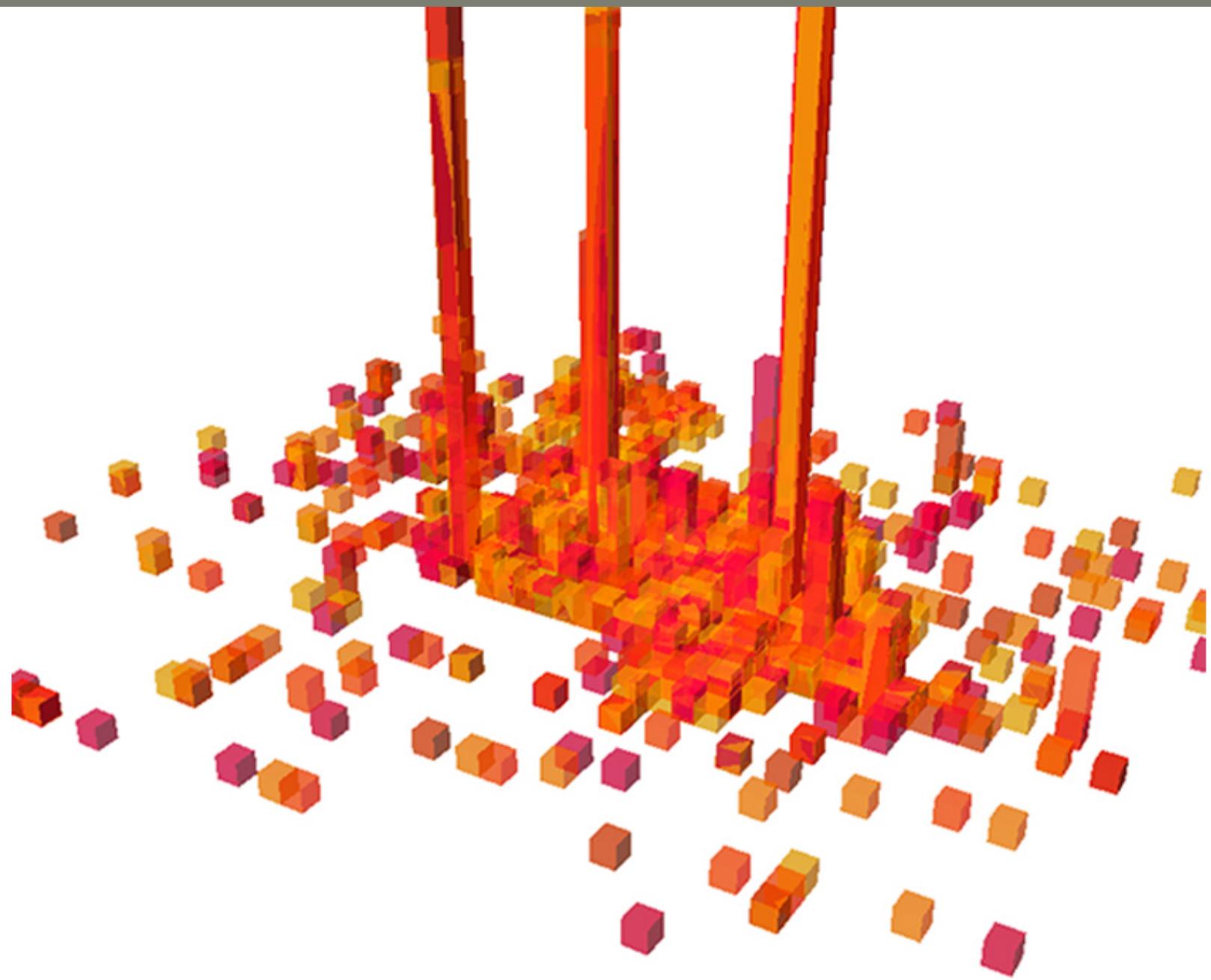


*Latitude and Longitude Project* Urbana, Illinois map

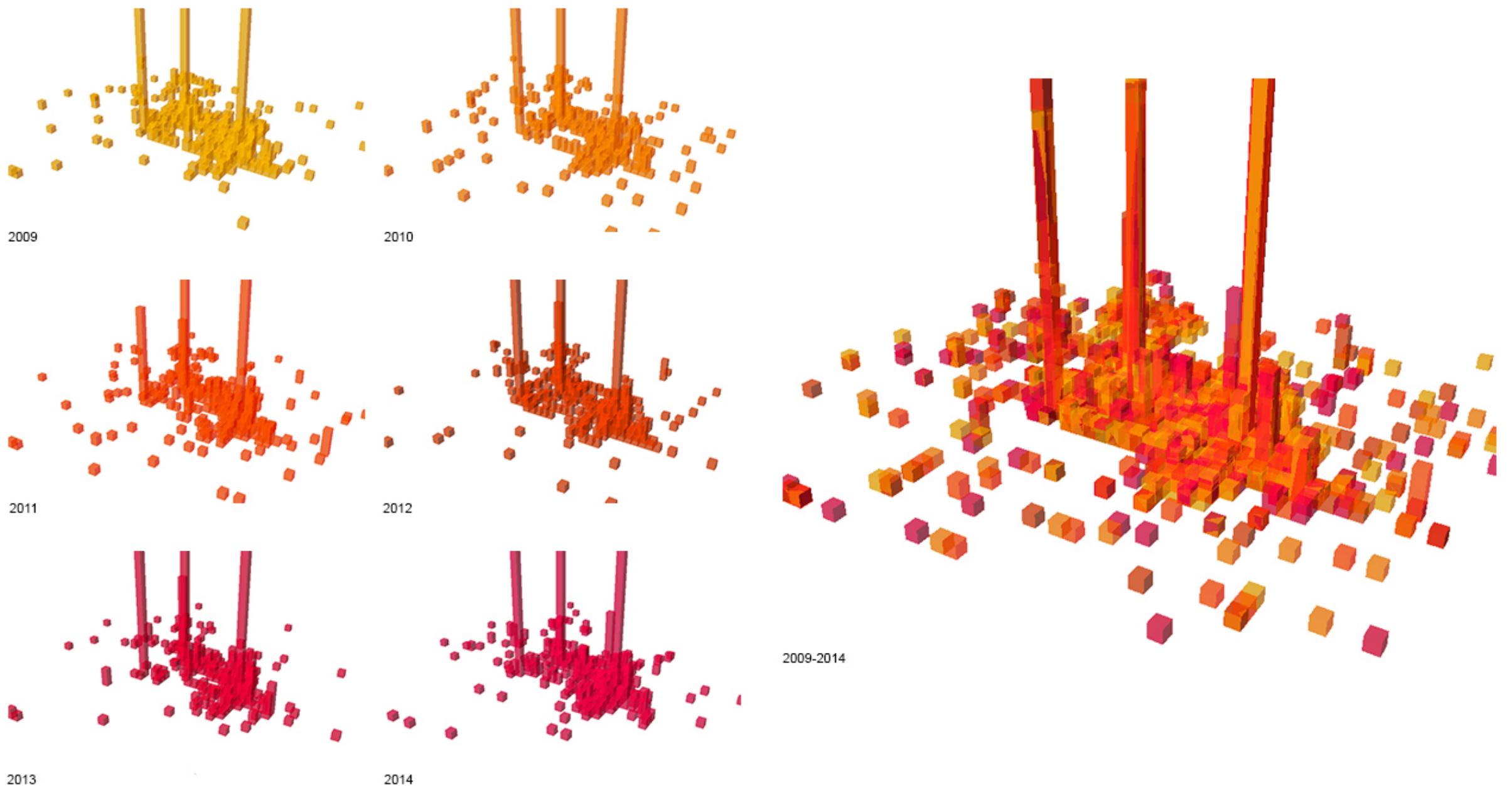


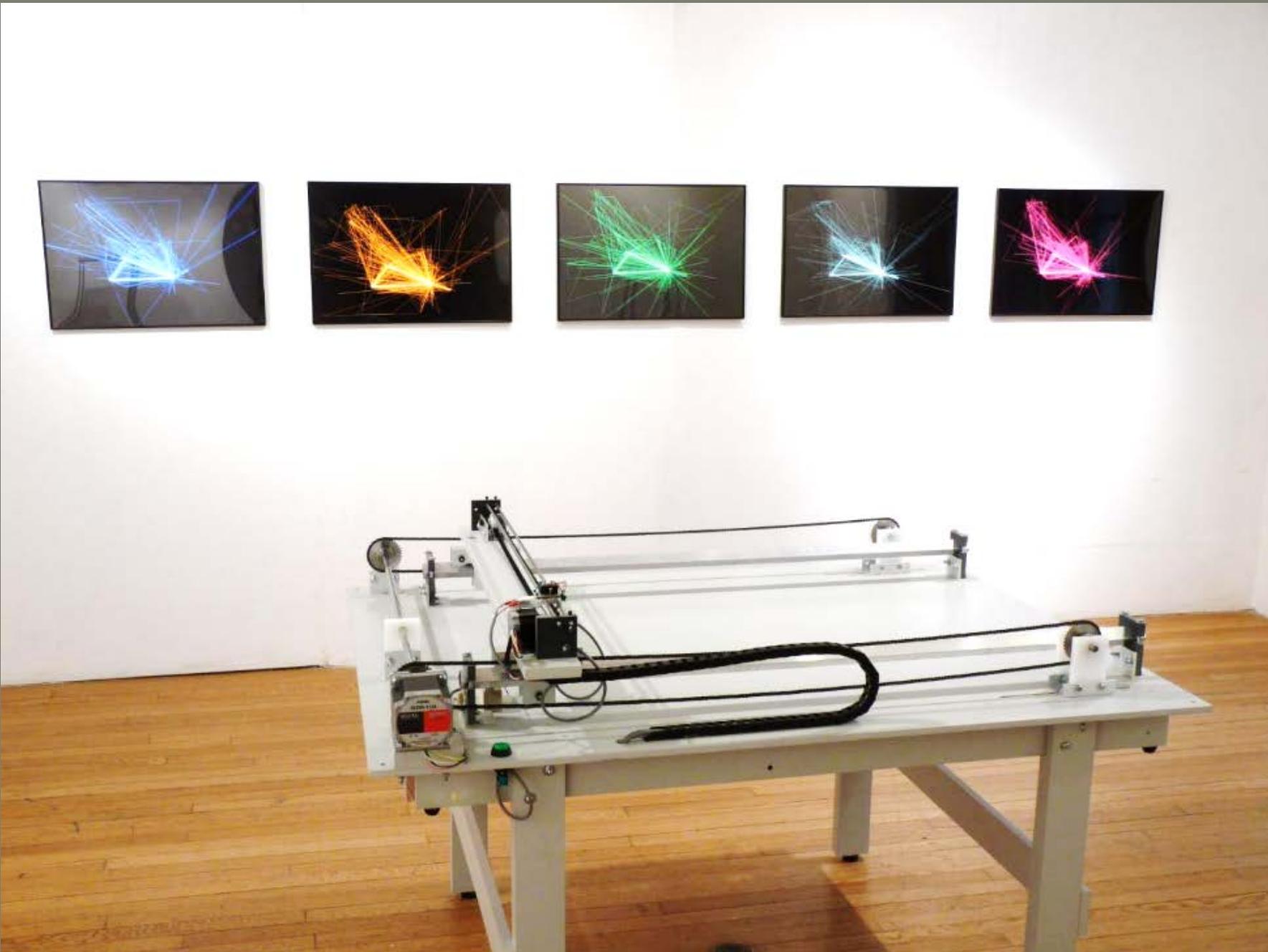
*Latitude and Longitude Project* Champaign-Urbana, Illinois map



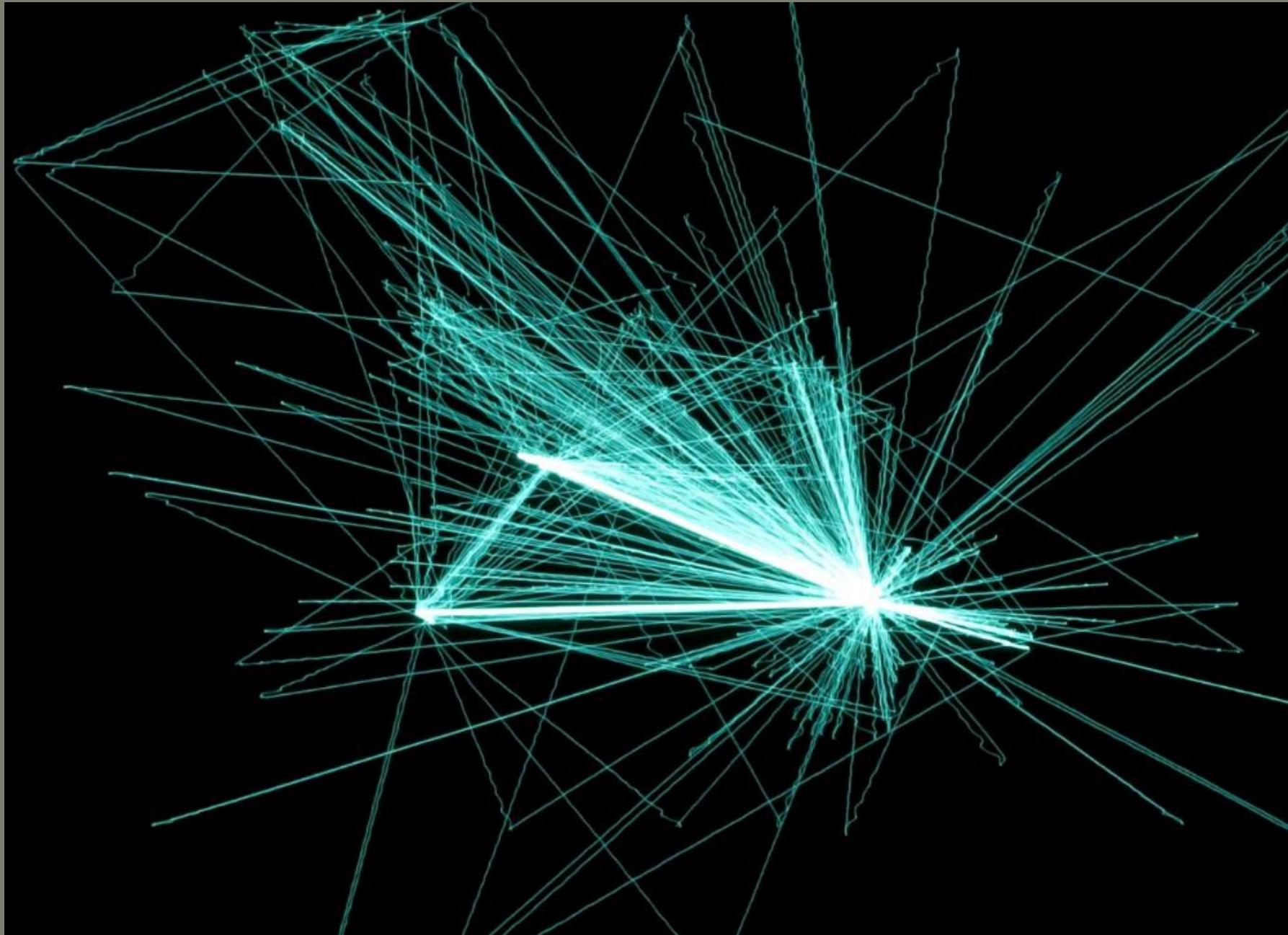


*Latitude and Longitude Project* Frequency Heat Map

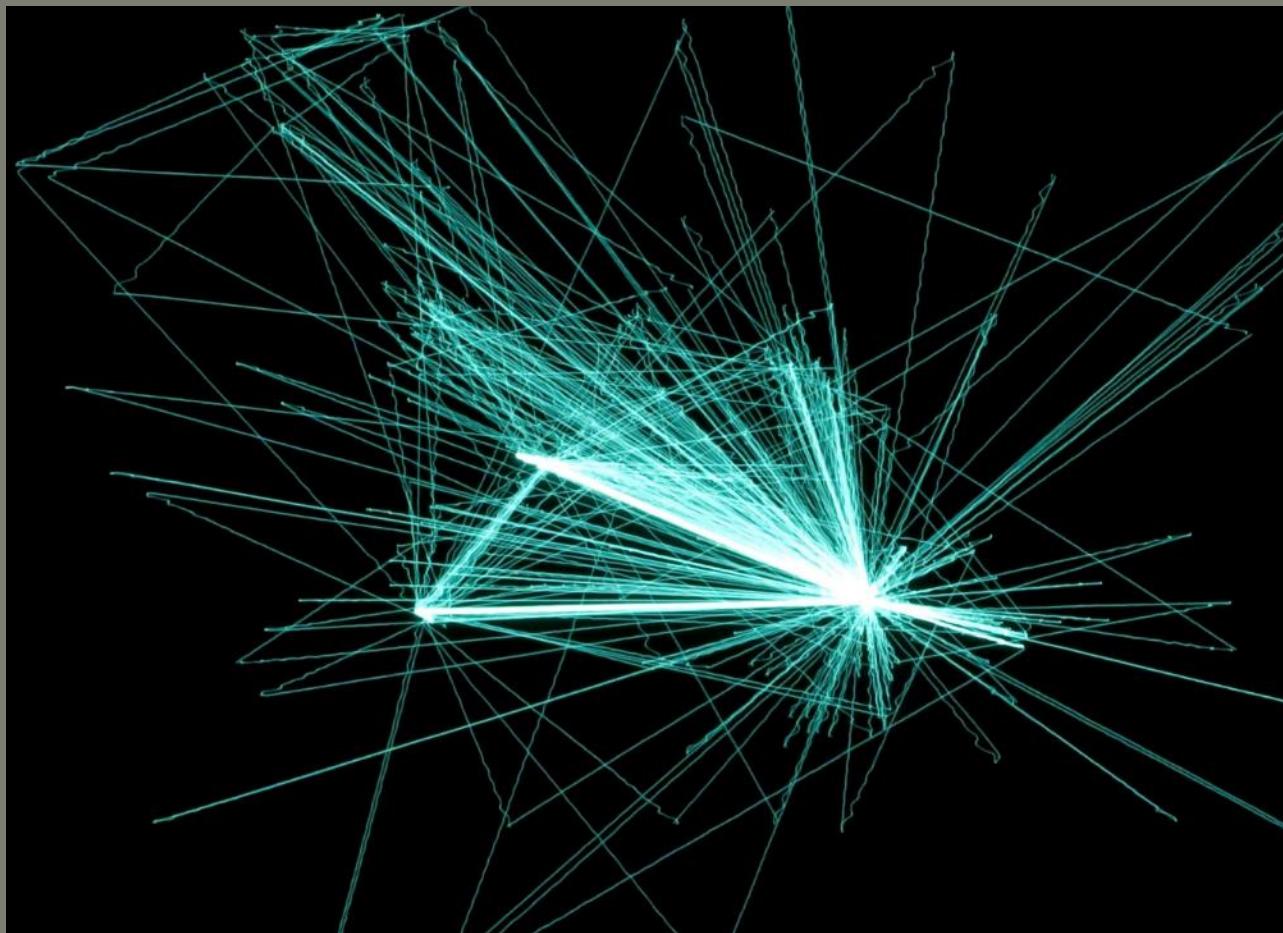
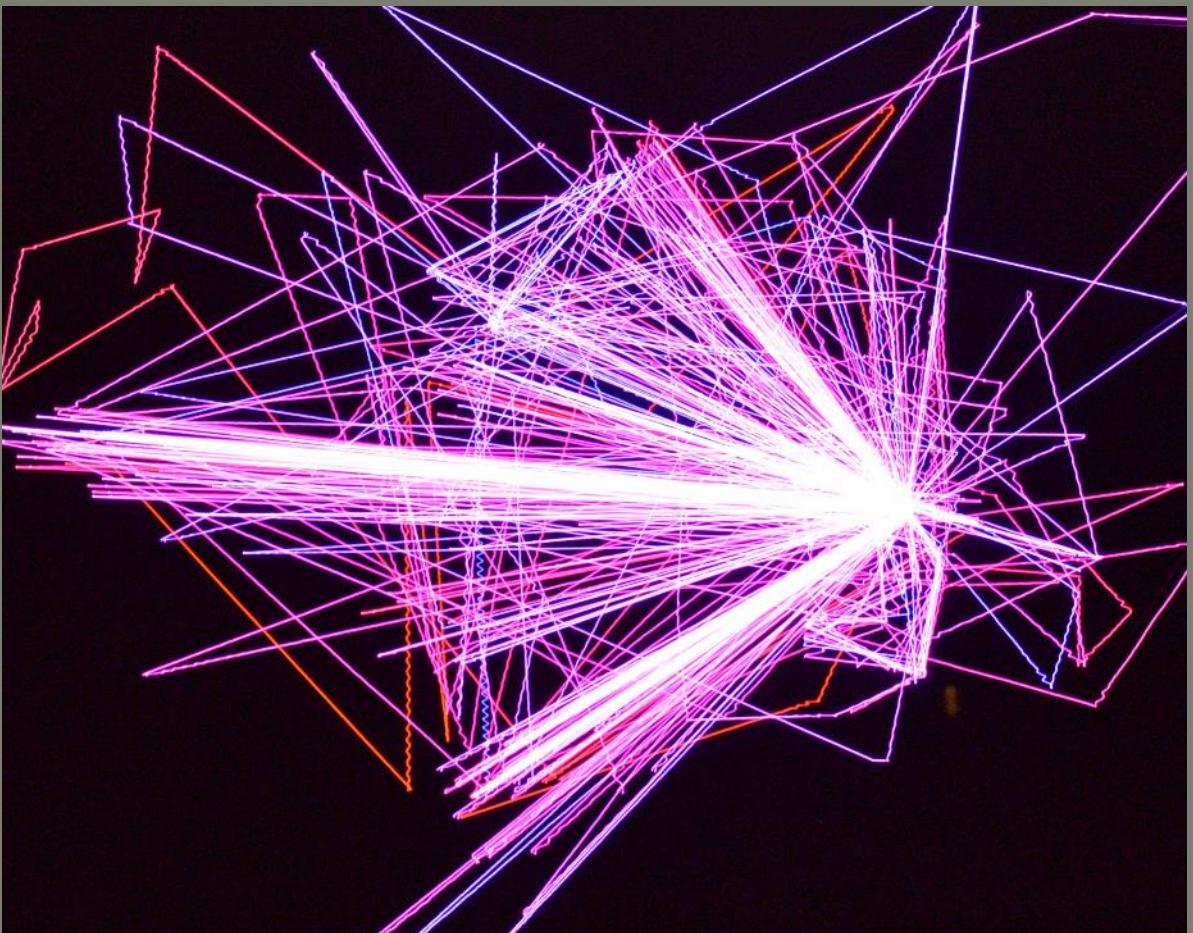




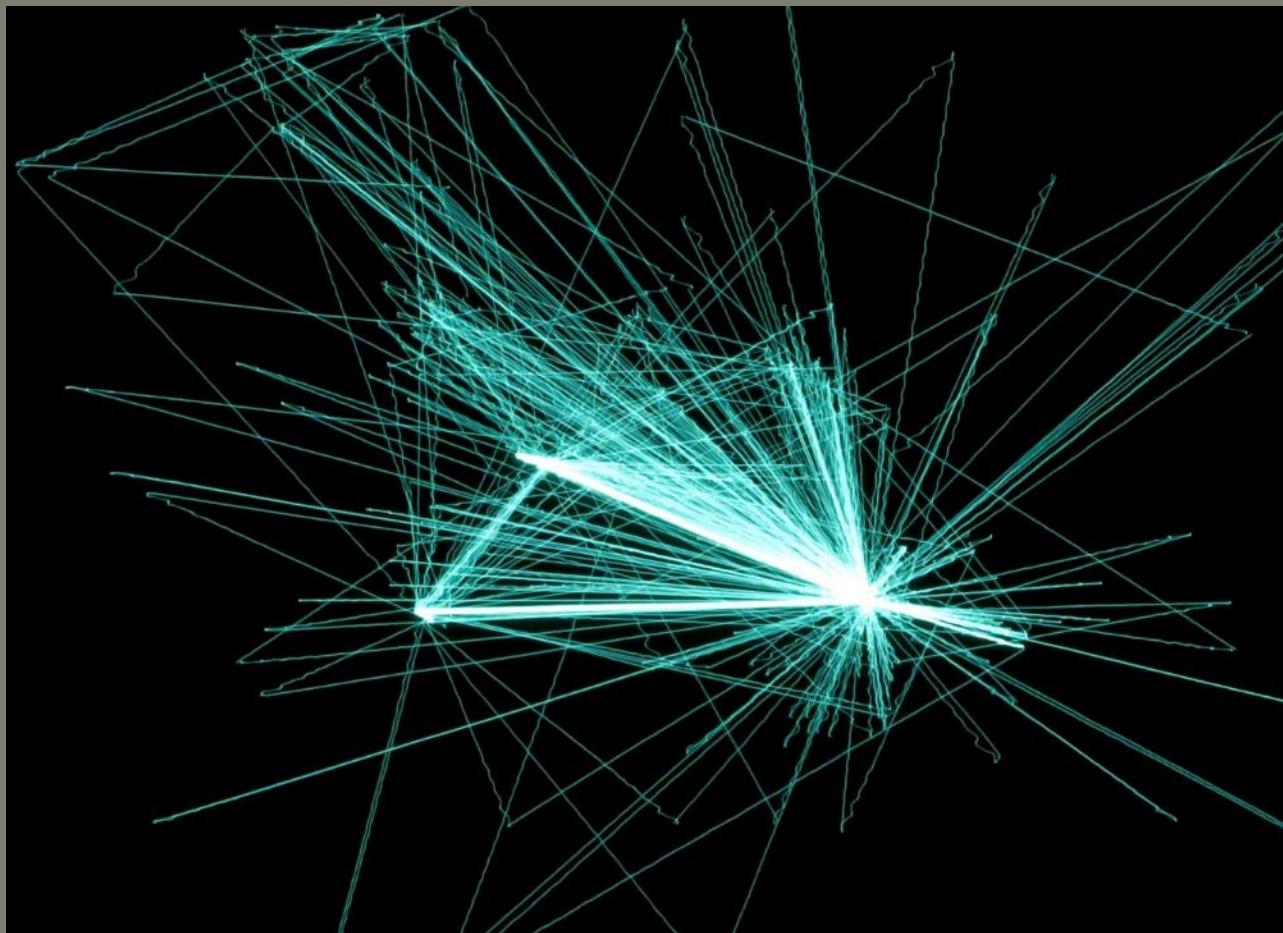
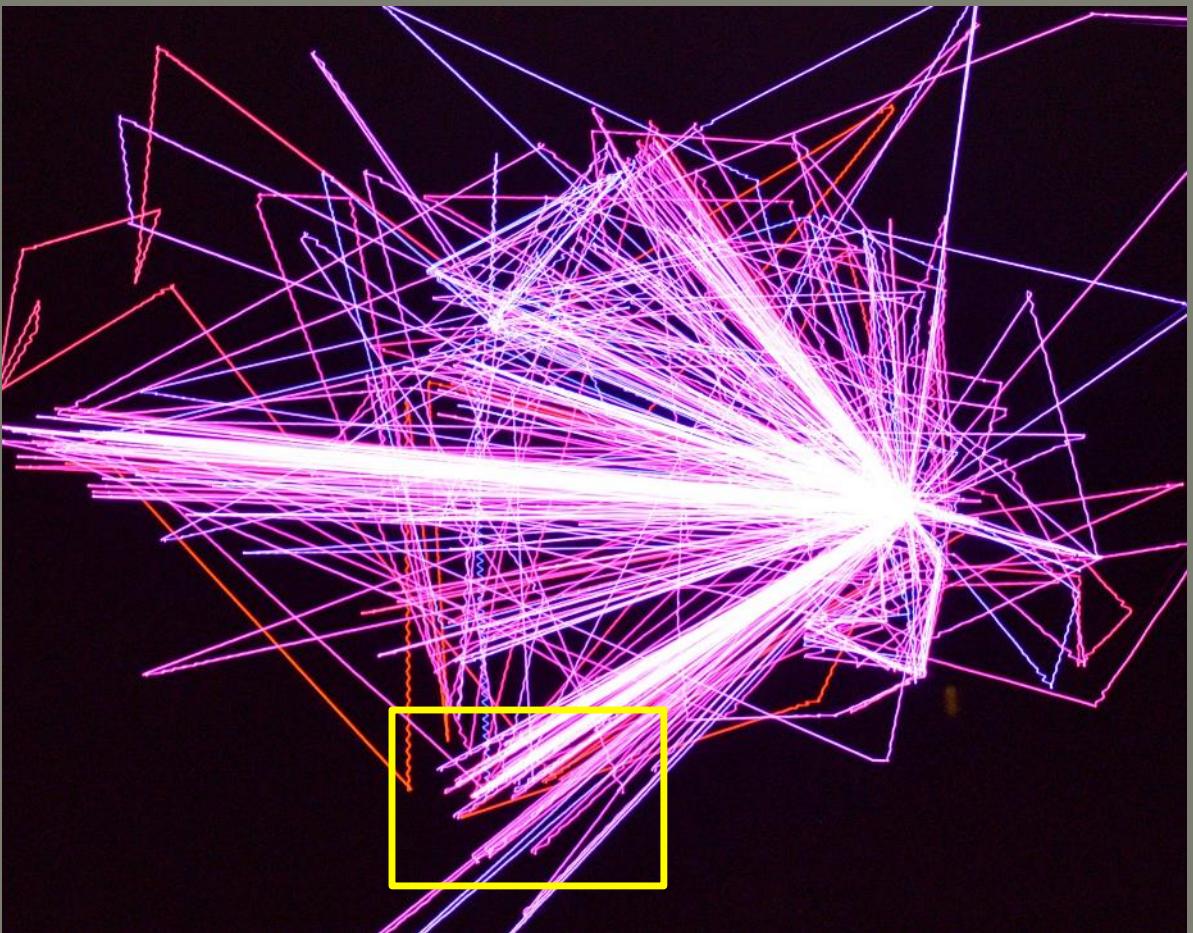
*Latitude and Longitude Project - XY Plotter*

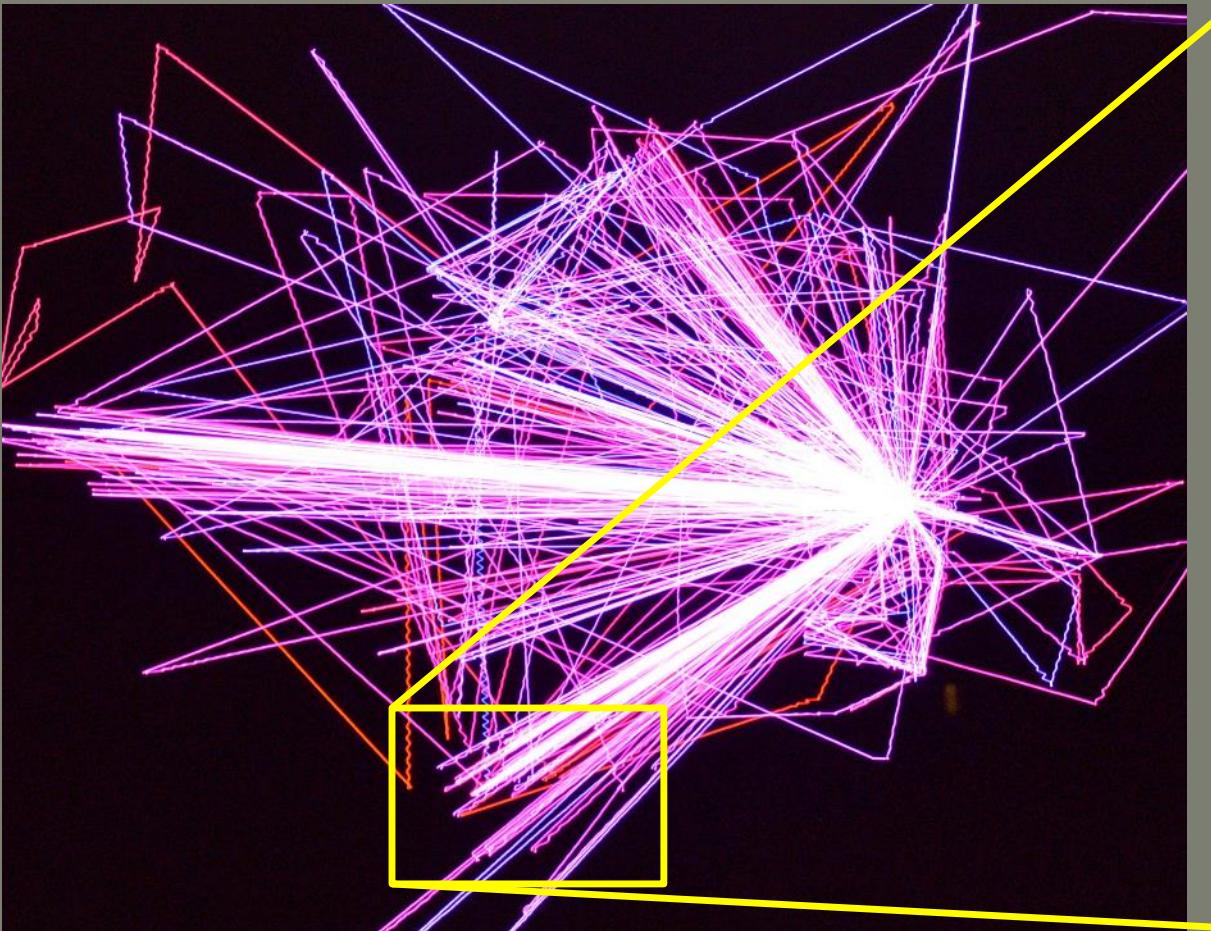


*Latitude and Longitude Project - XY Plotter* Champaign-Urbana

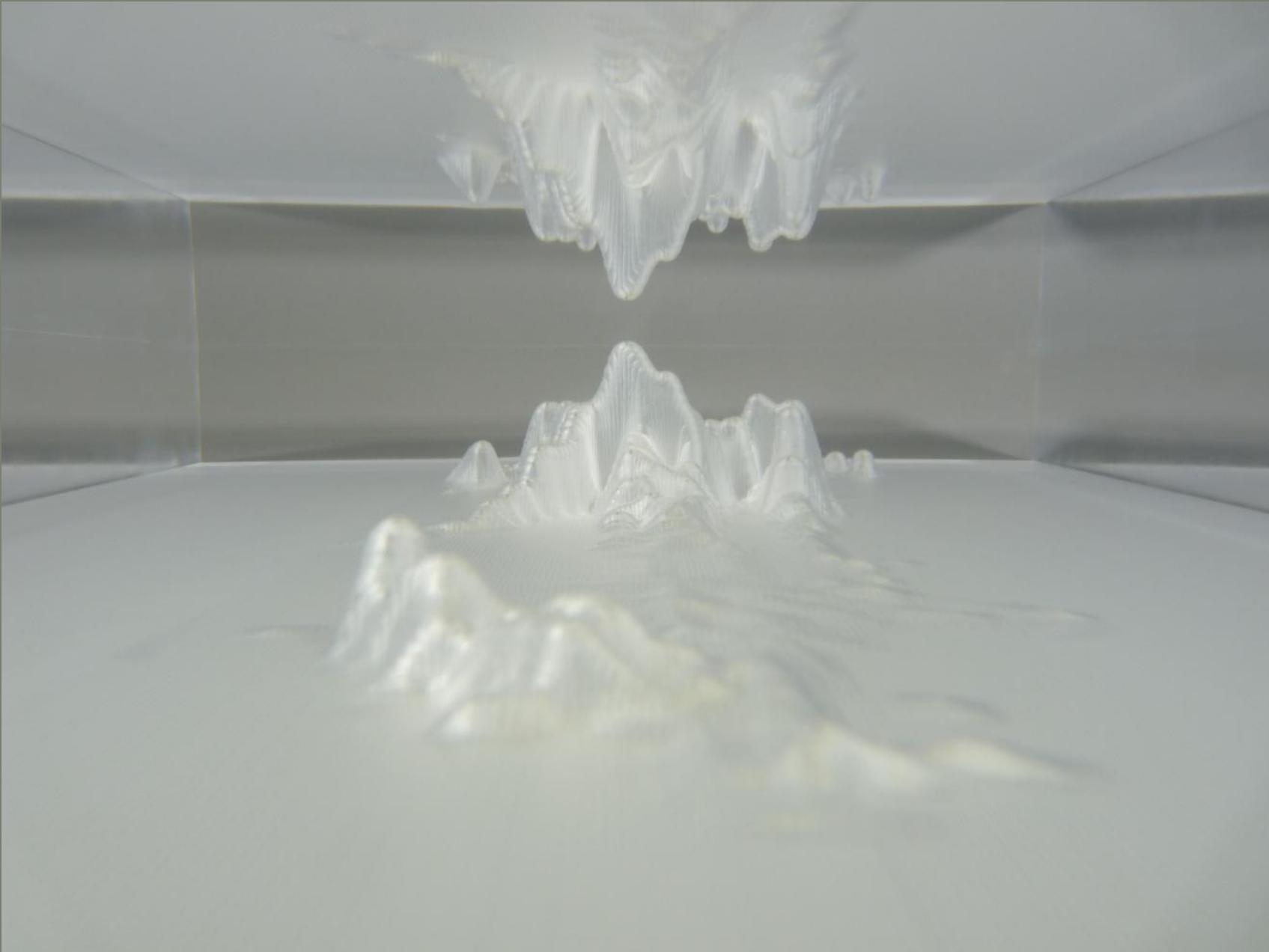


Latitude and Longitude Project - XY Plotter & Open Paths Plot Champaign-Urbana

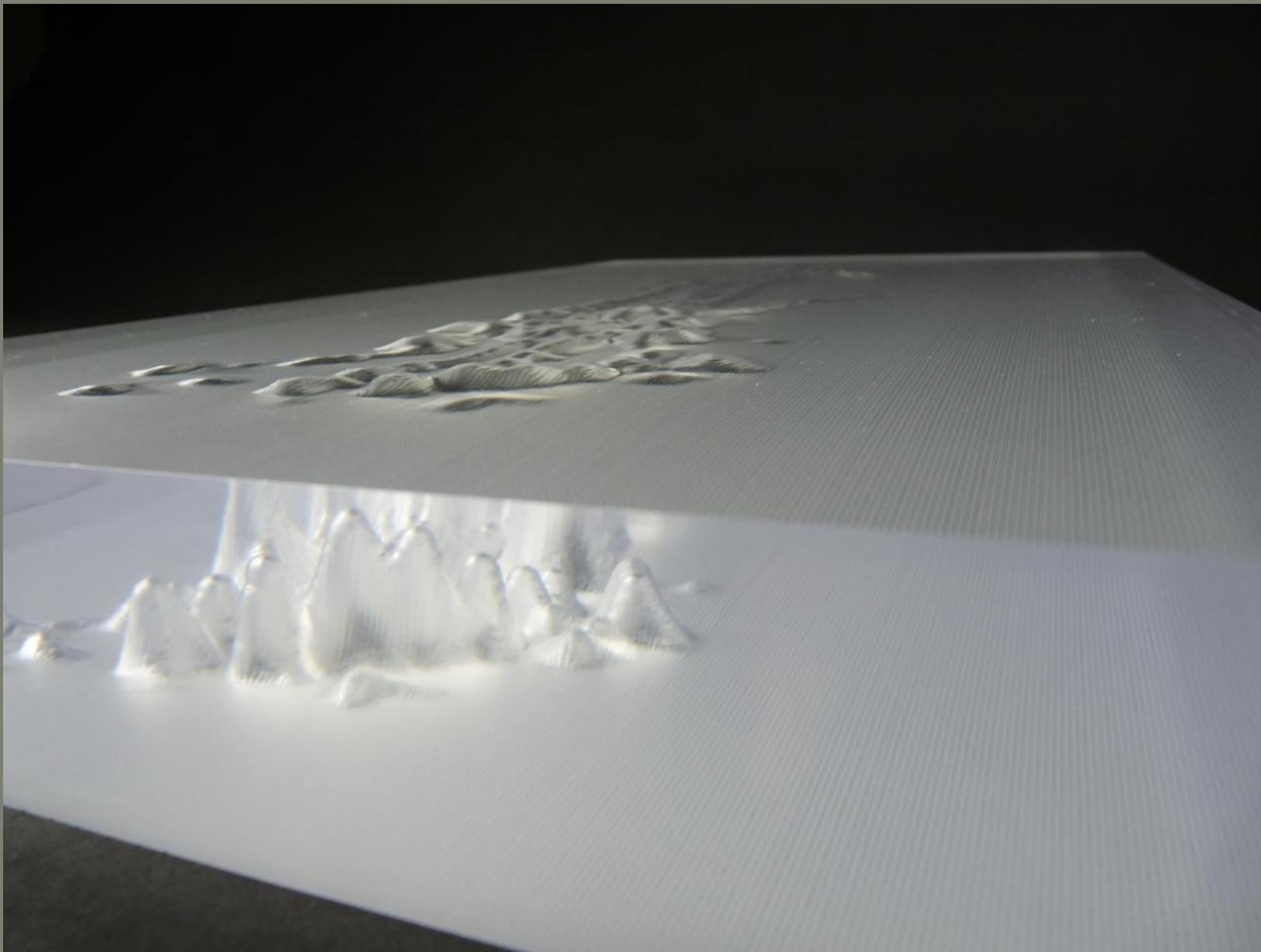




Latitude and Longitude Project - Open Paths Plot Champaign-Urbana



*Difference (North America)* 2011



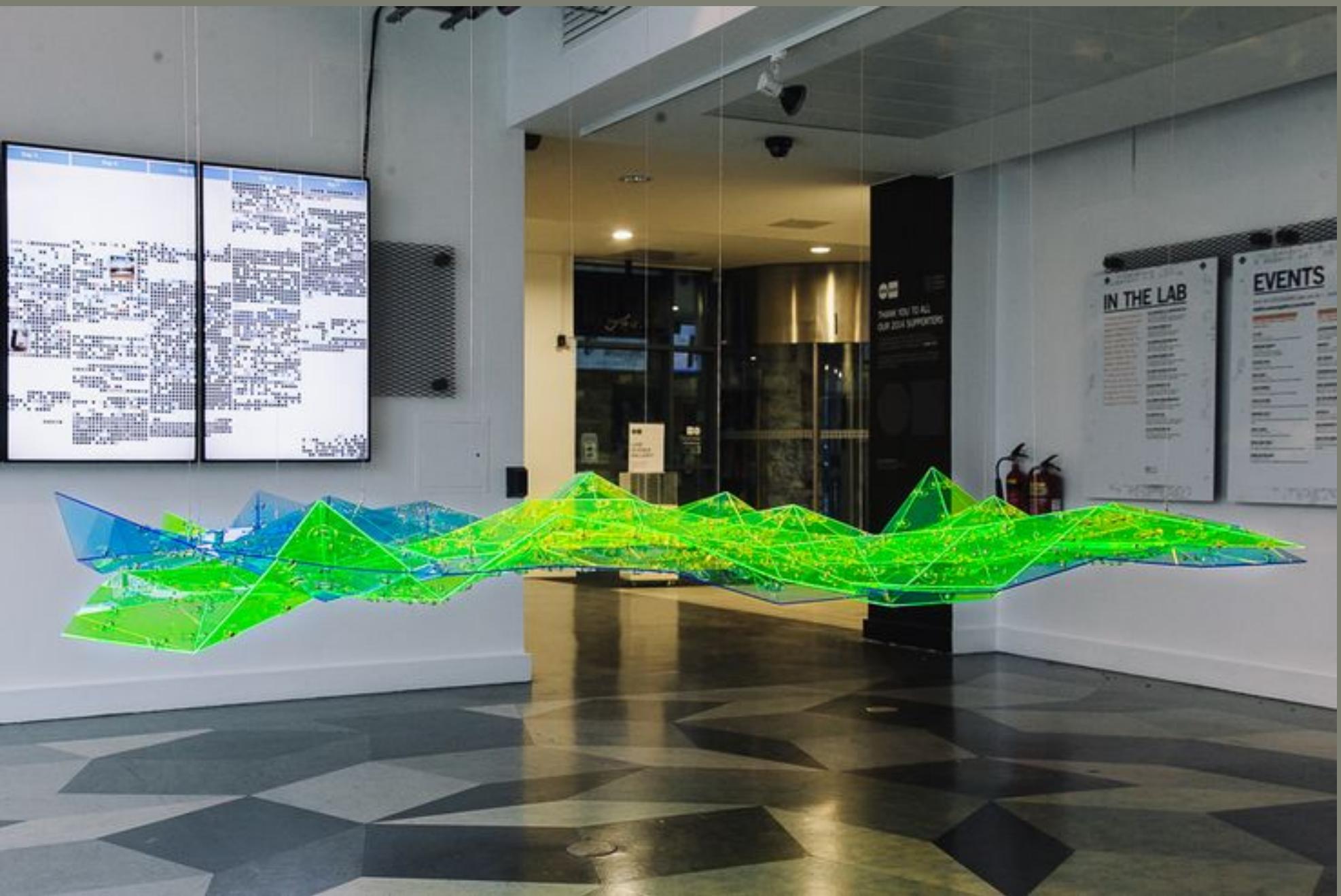
*Difference (North America)* 2011



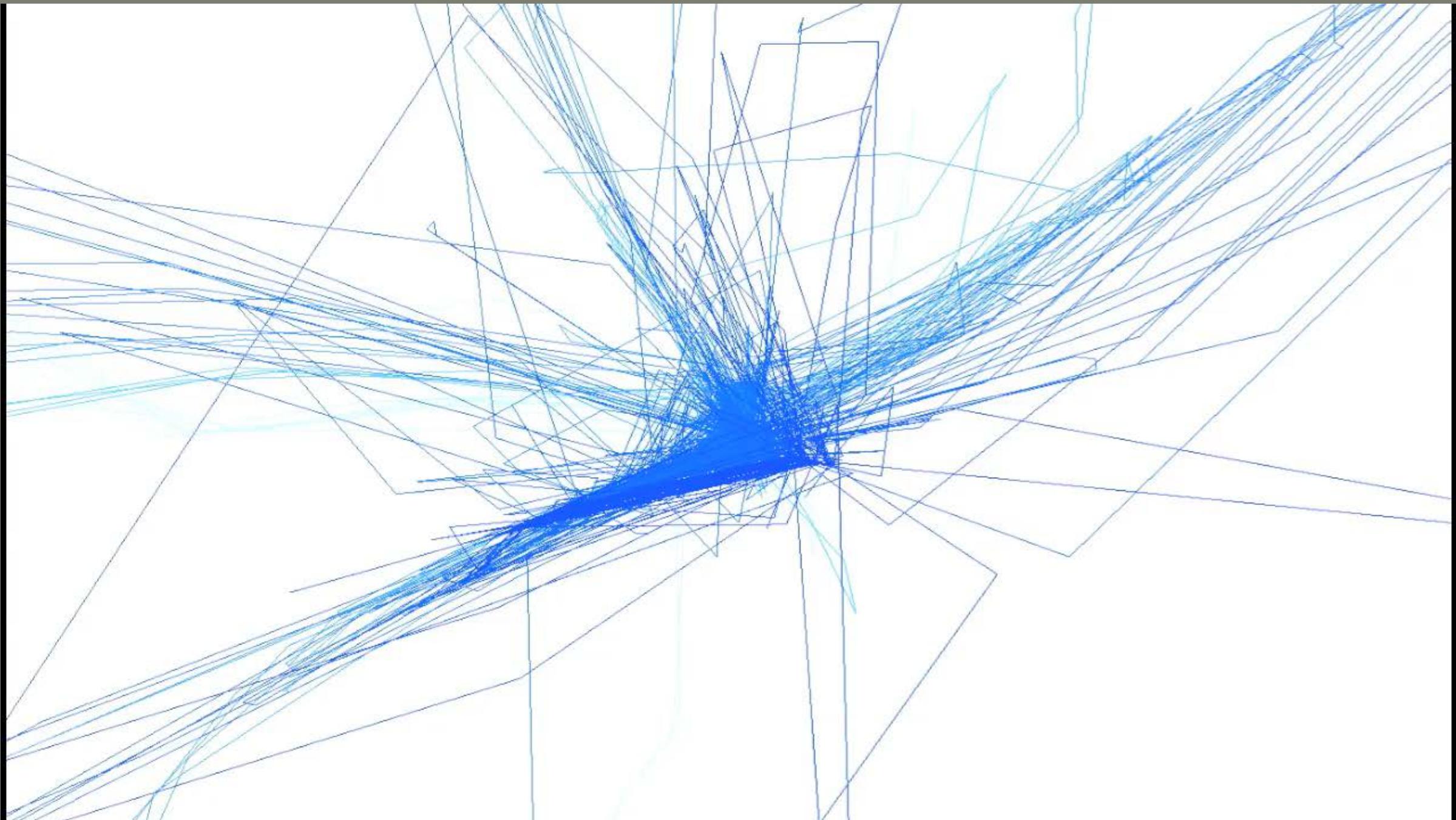
Comparative Meshes 2015



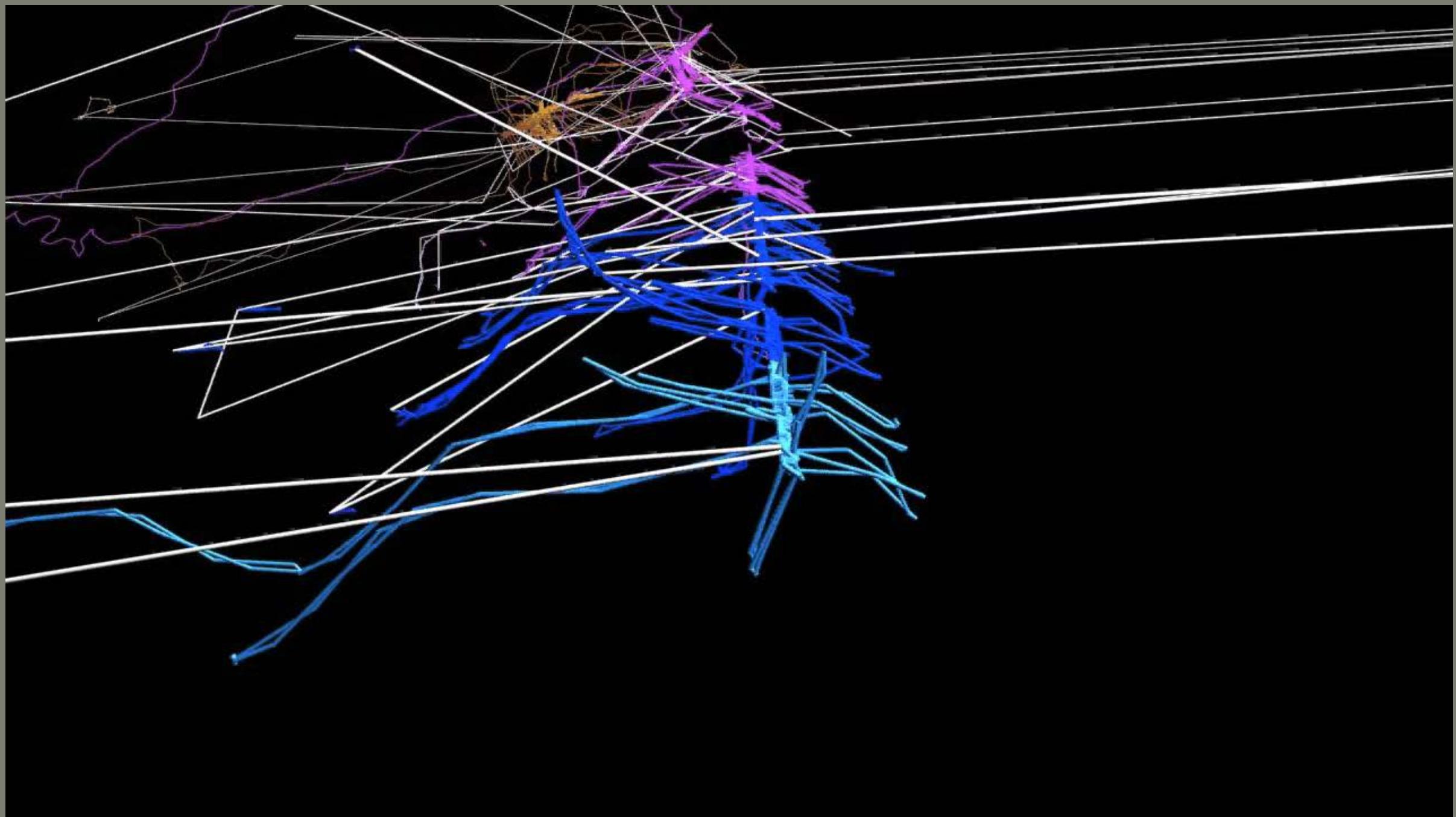
Comparative Meshes 2015



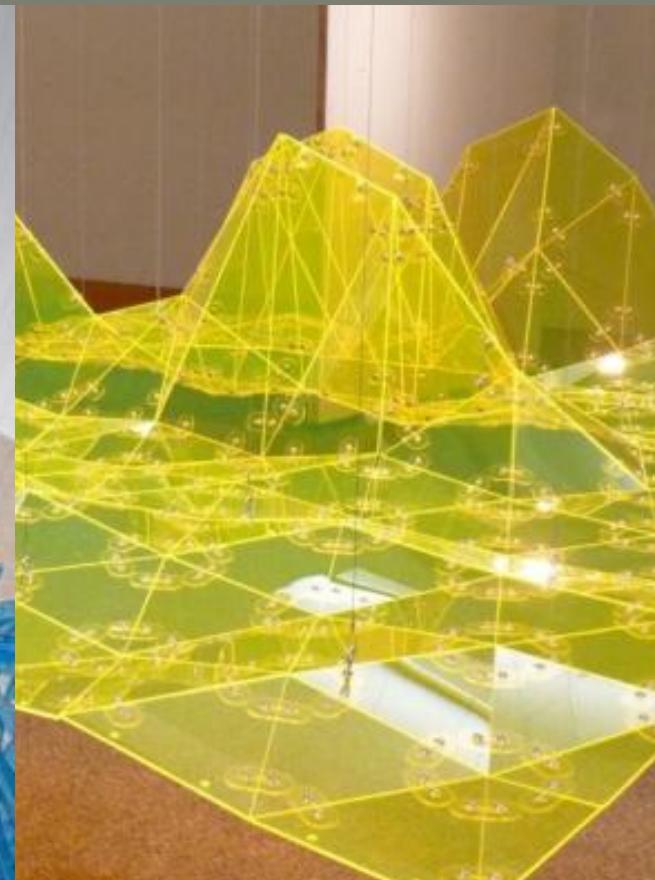
Comparative Meshes 2015



*Latitude and Longitude Project* Philadelphia (latitude, longitude, time)



Latitude and Longitude Project - Elsewhere



[www.StephenCartwright.com](http://www.StephenCartwright.com)