

FOUNDATIONAL METHODS IN DATA SCIENCE TRAINING SCHOOL
March 20th – April 15, 2023

WEEK 1 (March 20 - March 26)							
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0080-0900	Registration, Opening Remarks, Group Photo – All participants						
0900-1000	OPENING CEREMONY	Machine learning essentials - Habiboulaye Amadou Boubacar	Machine learning essentials - Habiboulaye Amadou Boubacar	Machine learning essentials - Habiboulaye Amadou Boubacar	Geometry of Data - Henry Adams		Group Activity
1000:1030	Morning Coffee break		Machine learning essentials - Habiboulaye Amadou Boubacar	Morning Coffee break		Tutorial 5	
1030-1130	Machine learning essentials - Habiboulaye Amadou Boubacar	Geometry of Data - Henry Adams		Geometry of Data - Henry Adams	Machine learning essentials - Habiboulaye Amadou Boubacar		
1130-1230	Machine learning essentials - Habiboulaye Amadou Boubacar	Geometry of Data - Henry Adams	RESEARCH COLLOQUIUM	Geometry of Data - Henry Adams	Machine learning essentials - Habiboulaye Amadou Boubacar		
1230-1400	Lunch Break						
1400-1500	Geometry of Data - Henry Adams	Simulation-based inference - Philipp Berens	Simulation-based inference - Philipp Berens	Simulation-based inference - Philipp Berens	Simulation-based inference - Philipp Berens		
1500-1600	Geometry of Data - Henry Adams	Simulation-based inference - Philipp Berens	Simulation-based inference - Philipp Berens	Simulation-based inference - Philipp Berens	Simulation-based inference - Philipp Berens		
1600-1630	Afternoon Coffee Break						
1630-1730	Tutorial 1	Tutorial 2	Geometry of Data - Henry Adams	Tutorial 3	Tutorial 4		
1730-1800						CLOSING WEEK 1	

WEEK 2 (March 27 - April 2)								
Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
0800-0900	Registration, Opening Remarks, Group Photo – All participants							
0900-1000	Problem Solving with Data Science - David Stern	Generative probabilistic modeling - Ricardo Baptista	Statistics & Scientific Method - Peter Diggle	Generative probabilistic modeling - Ricardo Baptista	Generative probabilistic modeling - Ricardo Baptista	GEDI Training		
1000:1030	Morning coffee break							
1030-1130	Generative probabilistic modeling - Ricardo Baptista	Statistics & Scientific Method - Peter Diggle	Statistics & Scientific Method - Peter Diggle	Statistics & Scientific Method - Peter Diggle	Statistics & Scientific Method - Peter Diggle	GEDI Training		
1130-1230	Generative probabilistic modeling - Ricardo Baptista	Statistics & Scientific Method - Peter Diggle	Statistics & Scientific Method - Peter Diggle	Statistics & Scientific Method - Peter Diggle	Statistics & Scientific Method - Peter Diggle	GEDI Training		
1230-1400	Lunch Break							
1400-1500	Research methodology training	Problem Solving with Data Science - David Stern	Problem Solving with Data Science - David Stern	Problem Solving with Data Science - David Stern	Problem Solving with Data Science - David Stern	GEDI Training		
1500-1600	Research methodology training	Problem Solving with Data Science - David Stern	Problem Solving with Data Science - David Stern	Problem Solving with Data Science - David Stern	Problem Solving with Data Science - David Stern			
1600-1630	Afternoon Coffee Break							
1630-1730	RESEARCH COLLOQUIUM (Franca Hoffmann)	Tutorial 1	FREE TIME	Tutorial 2	Tutorial 3	GEDI Training		
1730-1800					CLOSING WEEK 2			

WEEK 3 (April 3 - April 9)

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0080-0900	Registration, Opening Remarks, Group Photo – All participants						
0900-1000	GEDI Training	Research presentations	Project Work	Project Work	CLIMATE SCIENCE WORKSHOP	Genocide Commemoration	Genocide Commemoration
1000:1030	Morning Coffee Break						
1030-1130	GEDI Training	Research presentations					
1130-1230	GEDI Training	Research presentations					
1230-1400	Lunch Break						
1400-1500	Research presentations	Research presentations					
1500-1600	Research presentations	Research presentations					
1600-1630	Afternoon Coffee Break						
1630-1730	Research presentation	Research presentations					
1730-1830	Research presentation	Research presentations					

WEEK 4 (April 10 - April 16)

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
0080-0900	Registration, Opening Remarks, Group Photo – All participants						
0900-1000	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie	Applied Epi - Neale Batra & team	Applied Epi - Neale Batra & team	Kernel methods in machine learning and statistics - Nikolas Nüsken	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie		
1000-1030	Morning Coffee break						
1030-1130	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie	Applied Epi - Neale Batra & team	Applied Epi - Neale Batra & team	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie	Kernel methods in machine learning and statistics - Nikolas Nüsken		
1130-1230	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie	Applied Epi - Neale Batra & team	Applied Epi - Neale Batra & team	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie	Kernel methods in machine learning and statistics - Nikolas Nüsken		
1230-1400	Lunch Break						
1400-1500	Kernel methods in machine learning and statistics - Nikolas Nüsken	Applied Epi - Neale Batra & team	Applied Epi - Neale Batra & team	Project discussions - Habiboulaye Amadou Boubacar	CLOSING CEREMONY		
1500-1600	Kernel methods in machine learning and statistics - Nikolas Nüsken	Data-driven optimization with Machine Learning Applications- Abebe Geletu W. Selassie	Kernel methods in machine learning and statistics - Nikolas Nüsken	Project discussions - Habiboulaye Amadou Boubacar			
1600-1630	Afternoon Coffee Break						
1630-1730	Kernel methods in machine learning and statistics - Nikolas Nüsken	Tutorial 1	(deadline to submit projects)	Tutorial 2			