Overview Timetable

Below you can see the color codes for the different sessions:

KL: Keynote Lecture

IL: Invited Lecture

CT: Contributed Talk

SL: Standard Lecture

PS: Practical Session

All slots will be provided in Central African Time (CAT) using a 24h format.

Day 1: Monday, 6 of February

09:00–9:30	**Registration**		
09:30–10:00	**Welcome notes**		
11:00–11:30	KL	**Vanessa Robins** The Australian National University, Australia	Topological Data Analysis: Introduction and Application
11:30–13:00	SL	**Domini, Péguy, Nelie & Yaé**	Persistance Homology 1
13:00–14:00	**Lunch Break**		
14:00–16:00	PS	**Domini, Péguy, Nelie & Yaé**	Python programming revision 1
16:00–16:30	**Tea/Coffee Break**		
16:30–19:00	PS	**Domini, Péguy, Nelie & Yaé**	Python programming revision 2
19:00	**End of Day 1**		

11:00–11:30	KL	**Agnese Barbensi** University of Melbourne, Australia	The hypergraph of persistence homology cycles
11:30–13:00	PS	**Domini, Péguy, Nelie & Yaé**	Hands-On: Session 3
13:00–14:00	**Lunch Break**		
14:00–16:00	PS	**Domini, Péguy, Nelie & Yaé**	Hands-On: Session 4
16:00–17:30	PS	**Colleen Farelly** Staticlysm/No Starch Press , US	Hands-On Workshop Series: Forman-Ricci Curvature Applications, BERT, Metric Geometry 1
17:30–18:30	**Tea/Coffee Break**		
18:50 - 19:20	IL	**Bastian Rieck** Helmholtz Munch and Technical University Munich, Germany	Topology-Based Graph Learning
19:25 - 19:55	IL	**Jose Perea**	
20:00	**End of Day 2**		

Day 3: Wednesday, 8 of February

11:30–13:00	PS	**Péguy Kadzue**	Hands-On: Session 4
13:00–14:00	**Lunch Break**		
14:00–15:00	PS	**Péguy Kadzue**	Hands-On: Session 5
15:00 -15:30	PS	**David Adjei** Kent State University, Ghana	TOPOLOGICAL DATA ANALYSIS AND COMPUTER SCIENCE
15:30 -17:30	PS	**Shael Brown** McGill University, Canada	Applied topological data analysis in R with TDApplied
17:30–18:00	**Tea/Coffee Break**		
18:00–18:45	KL	**Elisabeth Munch** Michigan State University, USA	The Directional Transform -or- How to look at your data from every direction at once
20:05–20:35	IL	**David Gleich** Purdue University, USA	Topological Methods to analyze complex prediction mechanisms
20:40	**End of Day 3**		

11:30–13:00	PS	**Yaé Gaba & Péguy Kadzue**	Hands-On: Session 5
13:00–14:00	**Lunch Break**		
14:30–15:05	IL	**Ulrich Bauer** Technical University of Munich (TUM), Germany	Morse theory and persistent homology of geometric complexes
15:05 - 15:35	PS	**Woojin Kim** Duke University, USA	Persistence diagrams via limit-to-colimit maps and Möbius inversions
15:40 - 17:40	KL	**Wolfgang**	
17:45–18: 15	IL	**Casper Gyurik** Leiden University, The Netherlands	Quantum algorithms and the Betti number problem
18:20–19:05	IL	**Carlo Maria Scandolo** University of Calgary, Canada	The power of quantum resources
19:10–19:55	KL	**Gunnar Carlsson** Stanford University, BlueLightAI Inc., USA	Topological Data Modeling and Deep Learning
20:00	**End of Day 4**		

Day 5: Friday, 10 of February

09:00–11:30	PS	**Chanelle Matadah**	Quantum Computing Hands-On ession
11:45 - 12:30	CT	**Abdulmajid Osumanu**	
13:00–14:00	**Lunch Break**		
14:00 - 14:45	KL	**Ahmed Younes** Faculty of Science, Alexandria University, Egypt	Potential Applications of Quantum Computing
14:50- 15:20	CT	**Sean Andrew Thawe** HHoodSmart Foundation, Malawi	How To Get Started in Quantum Computing
15:30–16:00	**Tea/Coffee Break**		
16:00–16:30	IL	**Tamara Kohler** Instituto de Ciencias Matemáticas Madrid, Spain	Quantum complexity classes and topological data analysis
16:55 -17:25	PS	**Colleen Farelly** Staticlysm/No Starch Press , US	Hands-On Workshop Series: Forman-Ricci Curvature Applications, BERT, Metric Geometry 2
17:30–19:00	CT	**Uchenna** Tokyo, Japan	Title of invited speaker
19:00	**End of Day 5**		