

PROGRAMME
of the
GHENT GRAPH THEORY WORKSHOP
on
LONGEST PATHS AND LONGEST CYCLES

All talks will be held in **room V2 on the third floor** of building S9 of the Department of Applied Mathematics, Computer Science and Statistics, Ghent University, Krijgslaan 281. We take the coffee breaks in room V3 on the third floor.

MONDAY, August 1
Chair: VAN CLEEMPUT

9:50–10:00	Welcoming	
10:00–10:25	OZEKI	Hamiltonicity of graphs on surfaces
10:30–10:55	HARANT	On longest cycles in essentially 4-connected planar graphs
10:55–11:15	Coffee Break ☕	
11:15–11:40	CAMERON	Degree-constrained spanning trees
11:45–12:10	WIENER	Finding spanning trees with few leaves using DFS
12:10–15:00	Lunchtime	
15:00–15:25	THOMASSEN	Chords in longest cycles
15:30–15:55	LI	Long properly colored cycles in edge-colored complete graphs
15:55–16:15	Coffee Break ☕	
16:15–16:40	STEFFEN	Edge colorings and circular flow numbers of regular graphs
16:45–17:10	GOEDGEBEUR	Finding minimal obstructions to graph coloring
19:00	Workshop Dinner	

TUESDAY, August 2
Chair: GOEDGEBEUR

10:00–10:25	VARGA	On the minimum degree of minimally 1-tough graphs
10:30–10:55	KATONA	Complexity questions for minimally t -tough graphs
10:55–11:15	Coffee Break ☕	
11:15–11:40	KARDOŠ	Barnette was right: not only fullerene graphs are Hamiltonian
11:45–12:10	VAN CLEEMPUT	Connections between decomposition trees of 3-connected plane triangulations and Hamiltonian properties
12:10–15:00	Lunchtime	
15:00–15:25	SURMACS	Pancyclic arcs in Hamiltonian cycles of tournaments
15:30–15:55	KLIEMANN	A streaming algorithm for the undirected longest path problem
16:00	Problem Session	