





International Conference Enumerative Combinatorics and Applications University of Haifa – Virtual – September 4-6, 2023

BEYOND THE *g***-CONJECTURE** – **ALGEBRAIC COMBINATORICS OF CELLULAR SPACES**

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In the lecture I will discuss polytopes, spheres, and other cellular objects. I will discuss several refined combinatorial, algebraic invariants of cellular spaces, and some open problems about them.