



# ICECA

International Conference  
Enumerative Combinatorics and Applications  
University of Haifa – Virtual – August 26-28, 2024

## SEQUENTIALLY CONSTRAINED HAMILTON CYCLES IN RANDOM GRAPHS

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We discuss the existence of Hamilton cycles in the random graph  $G_{n,p}$  where there are restrictions caused by

- (i) coloring sequences,
- (ii) a subset of vertices must occur in a specific order, and
- (iii) there is a bound on the number of inversions in the associated permutation.