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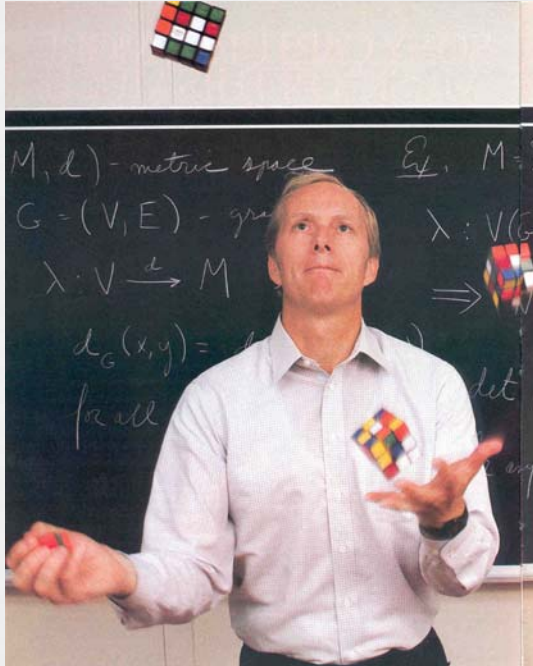
BUBBLESORT AND JUGGLING SEQUENCES

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Time: 3:30 pm
Location: HSD A240

In this talk I will describe some recent results concerning the connection between the bubblesort sorting algorithm and certain integer sequences used to analyze various juggling patterns. The analysis leads to new results on the joint distribution of the descent and maximum drop statistics of a permutation, as well as a new class of identities for the classical Eulerian numbers.

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