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*Locally block-avoiding orderings of points*

This talk is based on joint work with Tuvı Etzion, Technion.

Let  $n$  and  $\ell$  be positive integers. Recent papers by Kreher, Stinson and Veitch have explored variants of the problem of ordering the points in a triple system (such as a Steiner triple system, directed triple system or Mendelsohn triple system) on  $n$  points so that no block occurs in a segment of  $\ell$  consecutive entries. (Thus the ordering is locally block-avoiding.) I will describe a greedy algorithm which produces such orderings, provided  $n$  is sufficiently large when compared to  $\ell$ . I will also talk about some related results and open problems.

Simon R. Blackburn and Tuvı Etzion, 'Block-avoiding point sequencings', *J. Combin. Des.* 29 (2021) 339-366.