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## Minisymposium 16 - Set Theory

### Sequences on Banach spaces and finite sets of integers

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The purpose of this talk is to present a framework for studying the structure of subsequences of a given infinite sequence in a real Banach space  $X$  using combinatorics of finite sets of integers. We focus mainly on weakly-null sequences. The main combinatorial tool is the notion of barrier introduced by Nash-Williams.