## A walk in the integer partitions gallery

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(Gebze Technical University, Turkey) **Time:** Friday 08.07., 16:00 – 16:25

**Abstract:** The connection between lattice points in polyhedra and integer partitions is well known. Many researchers have used geometric methods to study generating functions of interesting partition families. But this connection is deeper than that. Many of the tools used to compute generating functions of integer partitions have elegant geometric interpretations. In this talk we will walk through a gallery of pictures of integer partition methods.