Tadeusz Januszkiewicz, University of Wroclaw, Poland

## Combinatorics of Convex Polytopes and $L^2$ -Cohomology

I will discuss (mostly conjectural) picture for  $L^2$ -cohomology of right angled buildings related to convex simple flag polytopes, how it leads to conjectures about combinatorics of polytopes, and why all this may be of interest to geometric topologists.