2011 Hall Medal awarded to Olga Polverino

Olga Polverino inspires and greatly influences future research on finite projective spaces, their substructures, and their applications. In early work, she jointly disproved a widely-believed conjecture through the construction of the first examples of small minimal blocking sets of non-Rédei type, a result that greatly influenced the direction of research in the field. More recently, Olga jointly proved a conjecture by classifying certain semifield planes, thereby creating new directions in the general theory of semifields and associated geometric structures. Olga Polverino is featured as a speaker in combinatorics conferences internationally.