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*Quiver variety components and minuscule combinatorics*

Kashiwara crystals are combinatorial gadgets associated to a representation of a reductive algebraic group that let us understand the structure of the representation in purely combinatorial terms. We will discuss a connection between a geometric and a combinatorial model for the crystals of certain representations, interpreting the lowering operators as choosing a generic subspace in a certain module in the preprojective algebra. This is work in progress joint with Anne Dranowski, Joel Kamnitzer and Calder Morton-Ferguson.