

THE BETTI SIDE OF THE DOUBLE SHUFFLE GROUP

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This talk presents joint work with Benjamin Enriquez on developing the Betti-side counterpart to Racinet's double shuffle theory for multiple zeta values. While Racinet's work primarily focused on the 'de Rham side', our research develops the previously unexplored 'Betti side' of the theory. We will introduce the construction of the Betti counterpart to the double shuffle group, demonstrating how this complements and extends Racinet's original framework. The key contribution of our work lies in revealing the "stabilizer interpretation" of the double shuffle group. Time permitting, we will also discuss recent developments in this framework.