

Title: *Transcendence of special values of modular and hypergeometric functions*

Outline: We describe results on the transcendence of values at algebraic points of classical modular and hypergeometric functions. In the first lecture, we discuss the classical elliptic modular function and its generalization from $SL(2, \mathbb{Z})$ to $Sp(2g, \mathbb{Z})$, $g \geq 1$. In the second lecture, we describe transcendence results for the special values of these modular functions. The third lecture deals with the classical hypergeometric function and its monodromy group. Finally, in the fourth lecture, we show how the transcendence of special values of the hypergeometric function relates to the arithmetic properties of its monodromy group. The course will be self-contained, but is related to the other courses. More details and a suggested reading list soon!