

ATELIER
« GRASSMANIENNES POSITIVES : APPLICATIONS AUX SYSTÈMES INTÉGRABLES ET
AUX AMPLITUDES DE DIFFUSION SUPER YANG-MILLS »
27–31 JUILLET 2015

WORKSHOP
“POSITIVE GRASSMANNIANS: APPLICATIONS TO INTEGRABLE SYSTEMS AND
SUPER YANG-MILLS SCATTERING AMPLITUDES”
JULY 27–31, 2015

Combinatorics of the amplituhedron

Hugh Thomas*

hugh.ross.thomas@gmail.com

The amplituhedron is the image of a certain map from the positive Grassmannian. It plays a key role in the study of scattering amplitudes. I will present a new and more intrinsic description of it, currently under development in *joint work with Nima Arkani-Hamed and Jaroslav Trnka*.

*Département de mathématiques, UQÀM, C.P. 8888, succ. Centre-ville, Montréal, QC H3C 3P8, CANADA.