

PROGRAMME DU 50^e : NOUVEAUX DÉVELOPPEMENTS EN PROBABILITÉS LIBRES ET APPLICATIONS
« ATELIER SUR LES PROBABILITÉS LIBRES : LA THÉORIE, SES APPLICATIONS »
4 AU 8 MARS 2019

50th ANNIVERSARY PROGRAM : NEW DEVELOPMENTS IN FREE PROBABILITY AND APPLICATIONS
“WORKSHOP ON FREE PROBABILITY : THE THEORY, ITS EXTENSIONS”
MARCH 4-8, 2019

Conditionally free cumulants from a shuffle algebra viewpoint

Kurusch Ebrahimi-Fard *

kurusch.ebrahimi-fard@ntnu.no

We will describe a shuffle algebra approach to conditionally free cumulants. It is based on a non-cocommutative generalisation of the classical unshuffle Hopf algebra.

Based on joint work with F. Patras (Nice, France).

*Department of Mathematical Sciences, Norwegian University of Science and Technology, Trondheim, NORWAY