Follow-Up-Workshop to TP
"Periods in Physics, Number Theory and Algebraic Geometry"

April 22 - 26, 2024

organized by
Spencer Bloch (Chicago), Herbert Gangl (Durham), Vasily Golyshev (Trieste), Fernando Rodriguez Villegas (Trieste), Don Zagier (Bonn)

Time measurement: CEST

- **Monday, April 22**

08:50 - 09:20	*Arrival and Self-Registration*
09:20 - 09:30	*Welcome by HIM Director Christoph Thiele*
09:30 - 10:30	**Wadim Zudilin** *Modular regulators and multiple modular values*
10:30 - 11:00	*Coffee break*
11:00 - 12:00	**Federico Zerbini** *Conical Sums*
12:00 - 13:45	*Lunch break*
13:45 - 14:45	**Nobuo Sato** *Iterated Beta Integrals*
15:00 - 16:00	**Steven Charlton** *Depth reductions of multiple polylogarithms: (an overview of) the state of the art around Goncharov's Depth Conjecture*
16:00 - 16:30	*Coffee break*
16:30 - 17:30	**Hohto Bekki** *The Shintani-Barnes cocycle and special values of zeta functions of algebraic number fields*
from 17:30 on	*Get-Together*

- **Tuesday, April 23**

09:30 - 10:30	**Rob de Jeu** *K_2 of elliptic curves over non-Abelian cubic and quartic fields*
10:30 - 11:00	*Coffee break and Group Photo*

11:00 - 12:00	**Alexander Horawa** *Beilinson's conjecture for the Dwork family*
12:00 - 13:45	*Lunch break*
13:45 - 14:45	**Luis Garcia** *Elliptic units for complex cubic fields*
15:00 - 16:00	**Axel Kleinschmidt** *Iterated integrals of modular forms in string theory*
16:00 - 16:30	*Coffee break*
16:30 - 17:30	**Oliver Schlotterer** *Constructing polylogarithms on higher-genus Riemann surfaces*

- **Wednesday, April 24**

09:30 - 10:30	**Robin de Jong** *Heights on curves and limits of Hodge structures*
10:30 - 11:00	*Coffee break*
11:00 - 12:00	**Hossein Movasati** *Detecting Gauss-Manin and Calabi-Yau differential equations*
12:15 - 13:15	**Danylo Radchenko** *Multiple polylogarithms and the Steinberg module*
13:15	*Lunch break and Free Afternoon*

- **Thursday, April 25**

09:30 - 10:30	**Jan Vonk** *p-adic height pairings of geodesics*
10:30 - 11:00	*Coffee break*
11:00 - 12:00	**Masha Vlasenko** *Frobenius structure and p-adic zeta function*
12:00 - 13:45	*Lunch break*
13:45 - 14:45	**Hidekazu Furusho** *p-adic hypergeometric function and p-adic multiple polylogarithms*
15:00 - 16:00	**Bartosz Naskrecki** *Moments of families of elliptic curves*
16:00 - 16:30	*Coffee break*
16:30 - 17:30	**Emre Sertöz** *Computing linear relations between 1-periods*

- **Friday, April 26**

09:30 - 10:30	**Matija Tapuskovic** *Twisted cohomology and motivic Galois theory of dimensionally regularised Feynman integrals*
10:30 - 11:00	*Coffee break*
11:00 - 12:00	**Wieslawa Niziol** *Hidden structures on de Rham cohomology of p-adic analytic varieties*
12:00 - 13:45	*Lunch break*
13:45 - 14:45	**Johannes Broedel** *Numerical approach to polylogarithms on higher-genus Riemann surfaces*
15:00 - 16:00	**Albrecht Klemm** *Fishnet Theories, Yangian Symmetries and Calabi-Yau volumes*
16:00 - 16:30	*Coffee break and End of Workshop*