Tentative Program on Monday 12 November

9:15–9:25
Opening Address: Masato Wakayama (Executive Vice President, Kyushu University)

9:25–9:30
Opening Remarks: Kenji Kajiwara (Chair of the Organizing Committee)

9:30–10:00
Masatoshi Noumi: Elliptic hypergeometric integrals and associated determinant formulas

10:00–10:30
Tomohiro Sasamoto: Discrete KPZ model and Frobenius determinant

10:30–10:50
Coffee Break

10:50–11:20
Reinout Quispel: Finding preserved measures and integrals of integrable and non-integrable maps

11:20–11:50
Luc Vinet: Difference and q-difference Heun equations

11:50–12:20
Rei Inoue: Cluster realization of Coxeter groups and its application

12:20–14:30
Lunch Break

14:30–15:00
Nalini Joshi: Hidden solutions of discrete systems

15:00–15:30
Yoshitsugu Takei: Stokes phenomena and connection formulas for some discrete Painlevé equations

15:30–16:00
Yousuke Ohyama: q-Stokes phenomenon on basic hypergeometric series

16:00–16:20
Coffee Break

16:20–16:50
Claire R. Gilson: Quasi-pfaffian identities and noncommutative discrete integrable systems

16:50–17:20
Andrew P. Kels: Hypergeometric integrals, Yang-Baxter equations, and 3D-consistent equations

17:20–17:50
Da-jun Zhang: Rational solutions to quadrilateral equations

17:50–18:20
Jarmo Hietarinta: Integrability of quad equations: CAC vs. BT

Tentative Program on Tuesday 13 November

9:15–9:45
Masataka Kanki: Coprimeness property of the Toda type equations over multi-dimensional lattices

9:45–10:15
Jianzhi Cheng: Degree growth and special solutions of discrete equations

10:15–10:45
Takafumi Mase: Dynamical degrees and singularity patterns

10:45–11:05
Coffee Break

11:05–11:35
Giorgio Gubbiotti: Growth, invariants, Lagrangians and integrability for four-dimensional recurrence relations

11:35–12:05
Anton Shchechkin: Bilinear relations on q-Virasoro conformal blocks and Painlevé $A_7^{(1)'}$ equation

12:05–12:35
Kanehisa Takasaki: Toda and q-Toda equations for Nekrasov partition functions

12:35–14:30
Lunch Break

14:30–15:00
Pavlo Gavrylenko: Deautonomization of cluster integrable systems

15:00–15:30
Takao Suzuki: Cluster algebra and generalized q-Painlevé VI systems of type A

15:30–16:00
Joe Pallister: Linearisability and integrability of cluster maps from affine Dynkin diagrams

16:00–16:20
Coffee Break

16:20–16:50
Basil Grammaticos: A panoramic view of discrete Painlevé equations: form $\mathrm{E}_8^{(1)}$ to $\mathrm{A}_1^{(1)}$ and back

16:50–17:20
Anton Dzhamay: Gap probabilities in tiling models and discrete Painlevé equations

17:20–17:30
Short Break

17:30–19:30
Poster Advertisement Session

Tentative Program on Wednesday 14 November

9:15–9:45
Xing-Biao Hu: Discrete integrable systems and their links to numerical algorithms and orthogonal polynomials

9:45–10:15
Andrew Hone: Continued fractions and hyperelliptic curves

10:15–10:45
John A. G. Roberts: Birational maps over finite fields and probabilistic models for their dynamics

10:45–11:05
Coffee Break

11:05–11:35
Shaoshi Chen: Local and global aspects of D-finite functions

11:35–12:05
Lucia Di Vizio: Reduced differential systems and calculation of the Lie algebra of the differential Galois group

12:05–12:35
Claude-Michel Viallet: Singularity analysis of maps beyond 2 dimensions

12:35–13:05
Tomoyuki Takenawa: The space of initial conditions for some 4D Painlevé systems

13:05–
Lunch and Excursion

Tentative Program on Thursday 15 November

9:15–9:45
Wolfgang K. Schief: Integrable discretisation of hodograph-type systems, Abelian integrals and Whitham equations

9:45–10:15
Boris G. Konopelchenko: Integrable structure in the discrete 4-dimensional Plebanski equation

10:15–10:45
Sanjay Ramassamy: Miquel dynamics on circle patterns

10:45–11:00
Coffee Break

11:00–14:30
Poster Session and *Lunch*

14:30–15:00
Wayne Rossman: Surface discretization and Lie sphere geometry

15:00–15:30
Shizuo Kaji: A linkage mechanism that follows a discrete sine-Gordon/mKdV equation

15:30–16:00
Elizabeth Mansfield: Difference moving frames and its applications

16:00–16:20
Coffee Break

16:20–16:50
Simon Ruijsenaars: On hyperbolic, trigonometric and rational specialisations of van Diejen's relativistic Heun operator: Progress towards their Hilbert space versions and eventual E_8 spectral invariance

16:50–17:20
Satoru Odake: Dual polynomials of the multi-indexed $(q$-$)$Racah orthogonal polynomials

17:20–17:50
Kerstin Jordaan: A characterization of Askey-Wilson polynomials

17:50–18:20
Alexei Zhedanov: Askey-Wilson algebra and a generalization of the Heun operators

19:30??–
Banquet

Tentative Program on Friday 16 November

9:30–10:00
Masato Okado: Integrable systems arising from Kirillov-Reshetikhin crystals of quantum affine algebras

10:00–10:30
Hitoshi Konno: Elliptic stable envelopes and finite-dimensional representation of elliptic quantum group

10:30–10:50
Coffee Break

10:50–11:20
Ayumu Hoshino: Macdonald polynomials of type C_n with one-column diagrams and deformed Catalan numbers

11:20–11:50
Makiko Sasada: Dynamics of the box-ball system with random initial conditions via Pitman's transformation

11:50–12:20
Rod Halburd: The Carlitz derivative and integrable systems in finite characteristic

12:20–14:20
Lunch Break

14:20–14:50
Decio Levi: Conditional symmetry preserving discretizations: the Boussinesq equation

14:50–15:20
Yasuhiko Yamada: On q-Garnier systems

15:20–15:50
Yuri B. Suris: Billiards in confocal quadrics as a pluri-Lagrangian system

15:50–16:10
Coffee Break

16:10–16:40
Frank Nijhoff: Lagrangian multiforms and a quantum variational principle

16:40–17:10
Maciej Nieszporski: From Yang-Baxter maps and tetrahedron maps to discrete integrable systems

17:10–17:40
Adam Doliwa: KP maps and context-free languages

17:40–17:50
Closing Remarks

List of posters

Darlayne Addabbo: Q-systems and generalizations in representation theory
Kanae Akaiwa: An approach to inverse eigenvalue problems from discrete integrable systems
Victor César Costa Alves: On a "quasi" integrable discrete Ibragimov-Shabat equation
Guido Baardink: Mathematical tools for designing periodic lattices with unusual softness and self-stress
Bjorn Berntson: Integrable delay-differential equations
Mariusz Białecki: Random domino automaton on Bethe lattice
Xiangke Chang: On peakon, Toda lattices and associated orthogonal polynomials
Joseph Cho: Discretization of Ω-surfaces
Akiko Fukuda: Enumeration of fuzzy cellular automata with prescribed fixed point using Gröbner basis
Ryad Ghanam: Symmetries of the eikonal equation
Sebastián Elías Graiff Zurita: Fairing of discrete planar curves with integrable discretization of Euler's elasticae
Jing Guo: An additive analogue of the Ore–Sato theorem on compatible rational functions
Shin Isojima: Ultradiscretization with parity variables for nonlinear oscillator and its preserved quantity
Masaru Kamata: Nonlinear $O(3)$ sigma model in discrete complex analysis
Shuhei Kamioka: The discrete two-dimensional Toda equation gives nice formulae for reverse plane partitions
Ryo Kamiya: Two dimensional lattice equation as extension of Heideman-Hogan recurrence
Thomas Kecker: Non-standard discretisations of non-autonomous Hamiltonian systems of Painlevé type
Katsuki Kobayashi: Discrete integrable system associated with Laurent biorthogonal polynomials and its positive solutions
Shi-Hao Li: On B-Toda lattice
Xin Li: Long time asymptotics of Schur and related flows
Kazuki Maeda: Another generalization of the box–ball system with many kinds of balls
Yukitaka Minesaki: Totally conservative integration method for N-body problem and its equilibrium solutions
Sanefumi Moriyama: Integrability in super Chern–Simons matrix model
Christian Müller: Discretizations of surfaces with constant ratio of principal curvatures
Akane Nakamura: Two aspects of the theta divisors
Yoichi Nakata: Polytope approach for solving ultradiscrete ordinary difference equations
Toshio Nakatsu: Three-partition Hodge integrals
Nobutaka Nakazono: An elliptic Painlevé equation from next-nearest-neighbor translation on the $E_8^{(1)}$ lattice
Atsushi Nobe: Algebraic entropy and chaos in cluster algebras
Hyeongki Park: Lotka-Volterra flow on discrete centroaffine plane curves
Kanam Park: A certain generalization of q-hypergeometric functions and their related monodromy preserving deformation
H. Wajahat A. Riaz: Multisoliton solutions of integrable discrete and semi-discrete principal chiral equations
Yang Shi: Certain subgroups of Coxeter groups and symmetry of discrete integrable equations
Genki Shibukawa: The multivariate Meixner polynomials
Nobuhiko Shinzawa: On the positiveness of the soliton solution for the discrete BKP equation
Alexander Stokes: Full-parameter discrete Painlevé systems from non-translational Cremona isometries
Yuko Takae: Kahan–Hirota–Kimura type discrete three wave system and QRT mapping
Thamizharasi Tamizhmani: On the canonical forms of QRT mappings and discrete Painlevé equations
Dinh T. Tran: Hierarchies of q-discrete second, third and fourth Painlevé equations and their properties

Karol Trzeszczkowski: Potential Korteweg-de Vries equations on honeycomb lattice
Mats Vermeeren: Continuum limits of integrable lattice equations and their variational structure
Bao Wang: Discrete invariant curve flows, orthogonal polynomials and moving frame
Ralph Willox: Dynamical degrees and singularity patterns (2)
Masashi Yasumoto: A geometric solution of the discrete sinh-Gordon equation and discrete space-like constant mean curvature surfaces in Minkowski space
Sikarin Yoo-Kong: Discrete-time hyperbolic Calogero-Moser system
Cheng Zhang: Darboux-Crum transformations and integrable lattice equations
Yingnan Zhang: Integrable discretization of soliton equations based on Bäcklund transformation and its application in numerical simulations