

# String Theory Meeting in the Greater Tokyo Area (SiGT)

Dates: November 28 - December 2, 2016

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## PROGRAM

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### Monday 28 November (Waseda)

11:25: opening

11:30-12:30: M. Jimbo (Rikkyo U.) Integrals of motion and Bethe ansatz: an approach from quantum toroidal algebras

12:30-14:00 lunch

14:00-15:00: H. Abe (Waseda U.) Phenomenological aspects of magnetized SYM theories in higher dimensions

15:00-15:30: coffee break

15:30-16:30: T. Eguchi (Rikkyo U.)

String theory and moonshine phenomena

16:30-17:00: coffee break

17:00-18:00: R. Bielawski (Hannover U., Germany)

Nahm's equations and transverse Hilbert schemes

### Tuesday 29 November (Waseda)

11:30-12:30: O. Lisovyi (Tours U., France)

Painleve functions, conformal blocks and combinatorics I

12:30-14:00 lunch

14:00-15:00: P. Gavrilenko (Moscow HSE, Russia)

Painleve functions, conformal blocks and combinatorics II

15:00-15:30: coffee break

15:30-16:30: K. Ito (Titech, Tokyo)

ODE/IM correspondence and Bethe ansatz for affine Toda field equations

16:30-17:00: coffee break

17:00-18:00: R. Bielawski (Hannover U., Germany)

Asymptotics of the monopole metrics

### Wednesday 30 November: no activity

### Thursday 1 December (TMU)

11:30-12:30: T. Kimura (Keio U.)

Exotic branes and gauge field theories

12:30-14:00 lunch

14:00-15:00: T. Watari (Kavli IPMU)

Heterotic-IIA duality map of discrete data

15:00-15:30: coffee break

15:30-16:30: S. Ketov (TMU and Kavli IPMU)

Nonperturbative scalar potential and moduli stabilization in type IIA strings on rigid

Calabi-Yau threefolds with fluxes

16:30-17:00: coffee break

17:00-18:00: S. Hellerman (Kavli IPMU)

Super-big J: superconformal moduli spaces from local operators

18:15-20:15 reception (**please notify attendance to organisers by 15 November**), TMU

International House, 1st floor

### **Friday 2 December (TMU)**

11:30-12:30: H. Nagoya (Kanazawa U.)

On degeneration limits of Virasoro conformal blocks

12:30-14:00 lunch

14:00-15:00: J. Geipel (Hannover U., Germany)

Equivariant dimensional reduction and Sasakian quiver gauge theories

15:00-15:30: coffee break

15:30-16:30: C. Muranaka (Hamburg, Germany)

Moduli spaces of AdS<sub>5</sub> backgrounds in N=2 supergravity

16:30-17:00: coffee break

17:00-18:00: D. Kaparulin (Tomsk U., Russia)

Conservation laws and stability of higher-derivative dynamics