

RMT in Sub-Atomic Physics and Beyond



Report of Contributions

Contribution ID: 1

Type: **not specified**

QCD EOS near the critical point

Monday, 5 August 2019 10:15 (45 minutes)

Presenter: Prof. STEPHANOV, Misha

Contribution ID: 2

Type: **not specified**

Symmetries and Topology of strong interactions, between the QCD and the EW transition

Monday, 5 August 2019 11:30 (45 minutes)

Presenter: Prof. LOMBARDO, Maria Paola

Contribution ID: 3

Type: **not specified**

Chaotic Scattering in Normal- and Superconducting Microwave Billiards, Induced Time-Reversal Violation and the VWZ Approach

Monday, 5 August 2019 14:00 (45 minutes)

Presenter: Prof. RICHTER, Achim

Contribution ID: 4

Type: **not specified**

The thermodynamics and chaos of the Sachdev-Ye-Kitaev model

Monday, 5 August 2019 15:15 (45 minutes)

Presenter: Prof. JIA, Yiyang

Contribution ID: 5

Type: **not specified**

Many Body Quantum Chaos in the SYK Model

Monday, 5 August 2019 16:00 (45 minutes)

Presenter: Prof. ALTLAND, Alexander

Contribution ID: 6

Type: **not specified**

Quantum Billiards, Graphene Billiards and Neutrino Billiards

Tuesday, 6 August 2019 09:30 (45 minutes)

Presenter: Prof. DIETZ, Barbara

Contribution ID: 7

Type: **not specified**

Nonperturbative theory of power spectrum in quantum chaotic systems

Tuesday, 6 August 2019 10:15 (45 minutes)

Presenter: Prof. KANZIEPER, Eugene

Contribution ID: 8

Type: **not specified**

Universal Broadening of Zero Modes: A General Framework and Identification

Tuesday, 6 August 2019 11:30 (45 minutes)

Presenter: Prof. MIELKE, Adam

Contribution ID: 9

Type: **not specified**

Domain-wall fermion and Atiyah-Patodi-Singer index

Tuesday, 6 August 2019 14:00 (45 minutes)

Presenter: Prof. FUKAYA, Hidenori

Contribution ID: 10

Type: **not specified**

Complex Langevin simulations of a finite density matrix model for QCD

Tuesday, 6 August 2019 15:15 (45 minutes)

Presenter: Prof. ZAFEIROPOULOS, Savvas

Contribution ID: 11

Type: **not specified**

Perspectives of complex Langevin calculations in finite density QCD

Tuesday, 6 August 2019 16:00 (45 minutes)

Presenter: Prof. NISHIMURA, Jun

Contribution ID: 12

Type: **not specified**

General Relativity Without Random Matrix Theory

Wednesday, 7 August 2019 09:30 (45 minutes)

Presenter: Prof. DAMGAARD, Poul

Contribution ID: 13

Type: **not specified**

Quantum Jackiw-Teitelboim gravity and random matrix theory

Wednesday, 7 August 2019 10:15 (45 minutes)

Presenter: Prof. GARCIA-GARCIA, Antonio

Contribution ID: 14

Type: **not specified**

Correlation Matrices in States of Financial Markets

Wednesday, 7 August 2019 11:30 (45 minutes)

Presenter: Prof. SELIGMAN, Thomas

Contribution ID: 15

Type: **not specified**

Disorder and “Equilibration” in SYK model

Wednesday, 7 August 2019 14:00 (45 minutes)

Presenter: Prof. ZAHED, Ismail

Contribution ID: 16

Type: **not specified**

Numerical tests of RMT in lattice QCD

Wednesday, 7 August 2019 15:15 (45 minutes)

Presenter: Prof. HELLER, Urs

Contribution ID: 17

Type: **not specified**

About the fermion phase in RMT

Wednesday, 7 August 2019 16:00 (45 minutes)

Presenter: Prof. BLOCH, Jacques

Contribution ID: **18**

Type: **not specified**

Chaos in Strongly Interacting Systems

Thursday, 8 August 2019 10:15 (45 minutes)

Presenter: Prof. VERBAARSCHOT, Jacobus

Contribution ID: **19**

Type: **not specified**

Particle-hole symmetries in condensed matter

Thursday, 8 August 2019 11:30 (45 minutes)

Presenter: Prof. ZIRNBAUER, Martin

Contribution ID: 20

Type: **not specified**

Quantum Graphs and Random-Matrix Theory

Thursday, 8 August 2019 14:00 (45 minutes)

Presenter: Prof. WEIDENMÜLLER, Hans

Contribution ID: 21

Type: **not specified**

Eigenvector correlations in the complex and quaternion Ginibre ensemble: Determinantal structure and universality

Thursday, 8 August 2019 15:15 (45 minutes)

Presenter: Prof. AKEMANN, Gernot

Contribution ID: 22

Type: **not specified**

”Enter the Eigenvectors!”

Thursday, 8 August 2019 16:00 (45 minutes)

Presenter: Prof. NOWAK, Maciej

Contribution ID: 23

Type: **not specified**

Spectral properties of extreme QCD matter

Friday, 9 August 2019 09:30 (45 minutes)

Presenter: Prof. WAMBACH, Jochen

Contribution ID: 24

Type: **not specified**

Thermodynamics in the Chiral Limit of (2+1)-Flavor QCD

Friday, 9 August 2019 10:15 (45 minutes)

Presenter: Prof. KARSCH, Frithjof

Contribution ID: 25

Type: **not specified**

Janossy Density for Chiral Random Matrices and Application to Two-Color QCD

Friday, 9 August 2019 11:30 (45 minutes)

Presenter: Prof. NISHIGAKI, Shinsuke

Contribution ID: 26

Type: **not specified**

Random Matrix Realization of the Chern-Simons Term in 3D QCD-like Theories

Friday, 9 August 2019 14:00 (45 minutes)

Presenter: Prof. KIEBURG, Mario