

Workshop on Quantization and Resurgence



Report of Contributions

Contribution ID: 1

Type: **not specified**

Exact Sum Rules for Spectral Zeta Functions of Homogeneous 1D Quantum Oscillators, Revisited

Monday, 30 January 2023 09:15 (1 hour)

Primary author: VOROS, André

Presenter: VOROS, André

Contribution ID: 2

Type: **not specified**

Exact WKB Solutions: Their Borel Summability and Relationship to Abelianisation of λ -Connections

Monday, 30 January 2023 11:00 (1 hour)

Primary author: NIKOLAEV, Nikita

Presenter: NIKOLAEV, Nikita

Contribution ID: 3

Type: **not specified**

Reconstruction of Functions from Perturbative Data: Optimal Methods and Error Analysis

Monday, 30 January 2023 15:30 (1 hour)

Primary author: COSTIN, Ovidiu

Presenter: COSTIN, Ovidiu

Contribution ID: 4

Type: **not specified**

Instantons and Renormalons in the $O(3)$ Sigma Model: The Full Resurgent Transseries

Tuesday, 31 January 2023 11:00 (1 hour)

Primary author: BALOG, Janos

Presenter: BALOG, Janos

Contribution ID: 5

Type: **not specified**

Resurgence in Integrable Field Theories

Tuesday, 31 January 2023 09:15 (1 hour)

Primary author: SERONE, Marco

Presenter: SERONE, Marco

Contribution ID: 6

Type: **not specified**

Borel Summation, Tau-Functions and BPS-Counting

Tuesday, 31 January 2023 15:30 (1 hour)

Primary author: TESCHNER, Joerg

Presenter: TESCHNER, Joerg

Contribution ID: 7

Type: **not specified**

Topological String S-Duality from Resurgence

Wednesday, 1 February 2023 16:30 (1 hour)

Primary author: ALIM, Murad

Presenter: ALIM, Murad

Contribution ID: 8

Type: **not specified**

Non-Perturbative Complex Chern-Simons (via Quantization and Resurgence)

Thursday, 2 February 2023 09:15 (1 hour)

Primary author: GUKOV, Sergei

Presenter: GUKOV, Sergei

Contribution ID: 9

Type: **not specified**

From Modularity to Resurgence

Thursday, 2 February 2023 11:00 (1 hour)

Primary author: WHEELER, Campbell

Presenter: WHEELER, Campbell

Contribution ID: **10**

Type: **not specified**

Resurgence in 3-Dimensional Topology

Thursday, 2 February 2023 15:30 (1 hour)

Primary author: GAROUFALIDIS, Stavros

Presenter: GAROUFALIDIS, Stavros

Contribution ID: 11

Type: **not specified**

Exact WKB for the Quantum Periods

Friday, 3 February 2023 09:15 (1 hour)

Presenter: HAO, Qianyu

Contribution ID: 12

Type: **not specified**

Discussion Session

Friday, 3 February 2023 11:00 (1 hour)