

Schedule of Lectures on Spectral invariants and Moduli spaces

June, 17, Thursday

- 10:00 - 11:00 Wing Keung To (National Univ. of Singapore)
Gonality and hyperbolic geometry of Riemann surfaces
- 11:10 - 12:10 Andrew McIntyre (Bennington College)
Teichmuller Methods for Spectral Problems on Riemann Surfaces I
- 16:00 - 17:00 Andrew McIntyre (Bennington College)
Teichmuller Methods for Spectral Problems on Riemann Surfaces II
- 17:10 - 18:10 Wing Keung To (National Univ. of Singapore)
Negatively curved metrics on Kodaira surfaces and Weil-Petersson metrics

June, 18, Friday

- 10:30 - 12:00 Frederic Rochon (Toronto Univ.)
Heat kernel, traces and index formulae on manifolds with cusps
- 16:00 - 17:30 Zhiqin Lu (UC, Irvine)
Differential Geometry of CY moduli I

June, 19, Saturday

- 10:30 - 12:00 Frederic Rochon (Toronto Univ.)
A local families index formula for $\bar{\partial}$ -operators on punctured Riemann surfaces
- 14:00 - 15:30 Zhiqin Lu (UC, Irvine)
Differential Geometry of CY moduli II

June, 21, Monday

- 10:30 - 12:00 Dmitry Korotkin (Concordia Univ.)
Determinant of Laplacian in flat metrics over Riemann surfaces and τ -functions I
- 16:00 - 18:10 Kunio Obitsu (Kagoshima Univ.)
Recent developments in the Takhtajan-Zograf metric I, II

June, 22, Tuesday

- 10:30 - 12:00 Dmitry Korotkin (Concordia Univ.)
Determinant of Laplacian in flat metrics over Riemann surfaces and τ -functions II
- 16:00 - 18:10 Lin Weng (Kyushu Univ.)
Arithmetic Riemann-Roch and Geometry of Riemann surfaces I, II

June, 23, Wednesday

- 10:30 - 12:00 Sergiu Moroianu (Romania Academy)
Infinitesimal deformations of hyperbolic 3-manifolds with conical singularities I
- 14:00 - 15:30 Sergiu Moroianu (Romania Academy)
Infinitesimal deformations of hyperbolic 3-manifolds with conical singularities II