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# Analysis and PDE Seminar

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TITLE: The Boundary Condition for Some Isomonodromy Equations

*Date* : Mar 13th, 2024 (Wednesday)

*Time* : 10am-11am (Hong Kong time)

11am-12noon (Korea time)



*Link to ZOOM* : <https://unist-kr.zoom.us/j/3170659442>

Meeting ID : 317 065 9442

Password : APDE21

**Abstract.** In this talk, we will introduce our recent work on some isomonodromy equations. These are a class of integrable nonlinear PDEs, which can be regarded as a higher-dimensional generalization of Painlevé VI. We will use the Riemann-Hilbert method to study the long time behavior of its generic solutions.

*All are welcome*

This is a joint activity organized by Department of Mathematics, The Chinese University of Hong Kong, Hong Kong; Department of Mathematics, Institute of Mathematical Research, Research Division of Mathematical and Statistical Science, The University of Hong Kong, Hong Kong; and Department of Mathematical Sciences, Ulsan National Institute of Science and Technology, Korea. More details can be found in [https://hkumath.hku.hk/~imr/event/CUHK\\_HKU\\_UNIST\\_Analysis\\_and\\_PDE/index.php](https://hkumath.hku.hk/~imr/event/CUHK_HKU_UNIST_Analysis_and_PDE/index.php).

