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A Talk at the 2nd ISNMP Conference

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Regular Session:

Speaker: Xing-Biao Hu (Academy of Mathematics and Systems Science, Chinese Academy of Sciences, Beijing, P.R. China)

Title: *Some studies on integrable integro-differential equations involving the Hilbert operator*

Abstract: In this talk, I will first review several known integrable integro-differential equations involving the Hilbert operator, including the Benjamin–Ono (BO) equation, the sine-Hilbert equation, the Constantin–Lax–Majda equation, and others. I will then present recent new results achieved in this field.