Title: Topological recursion, Painlevé tau-function and exact WKB analysisAbstract: I'll show that the solution of the first Painleve equation (together with the isomonodromic wave function which satisfies the as-sociated linear system) are constructed as the discrete Fourier trans-form of the topological recursion partition function. Assuming certainconjectures on a resurgence property of the formal series constructed from topological recursion, I’ll also explain how the Stokes multipli-ers of associated linear system are computed from the view point of exact WKB analysis.