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Bertrand Duplantier* (bertrand.duplantier@cea.fr), IPhT, Orme des Merisiers,
CEA/Saclay, 91191 Gif-sur-Yvette Cedex, France. *Multifractality of Whole-Plane SLE*.

We study the average integral means spectrum of unbounded whole-plane SLE curves to prove the existence of a phase transition at a certain moment order, at which one goes from the bulk SLE multifractal spectrum to a new spectrum. The latter is related to radial SLE derivative exponents, and to non-standard, local tip exponents obtained from quantum gravity. The multifractal integral means spectrum for complex moment exponents is also determined.

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