

Editorial

2014 marks the year when the first woman in the history of mankind wins the Fields Medal in mathematics. Maryam *Mirzakhani* (Professor of Mathematics at Stanford University, USA) is that woman. She won the Fields Medal in recognition of her contributions to the understanding of the symmetry of dynamical curved surfaces in an ergodic setting. Her Fields Medal was presented by the International Mathematical Union on Aug. 13, 2014 at the International Congress of Mathematicians, held this year in Seoul, South Korea.

Mirzakhani's cited publications for this medal include:

* *Mirzakhani, Maryam*, Growth of Weil-Petersson volumes and random hyperbolic surface of large genus, *J. Differ. Geom.* **94**(2), (2013), 267-300 ; Zbl 1270.30014.

*Athreya, Jayadev ; Bufetov, Alexander ; Eskin, Alex ; *Mirzakhani, Maryam*, Lattice point asymptotics and volume growth on Teichmüller space, *Duke Math. J.* **161**(6), (2012),1055-1111; Zbl 1246.37009.

*Eskin, Alex ; *Mirzakhani, Maryam*, Counting closed geodesics in moduli space, *J. Mod. Dyn.* **5**(1), (2011),71-105; Zbl 1219.37006.

* *Mirzakhani, Maryam*, Ergodic theory of the earthquake flow, *Int. Math. Res. Not.* **2008**, (2008), Article ID rnm116, 39 p ; Zbl 1189.30087.

Mirzakhani, Maryam*, Growth of the number of simple closed geodesics on hyperbolic surfaces, *Ann. Math.*(2) **168(1), (2008), 97-125 ; Zbl 1177.37036.

* Lindenstrauss, Elon ; *Mirzakhani, Maryam*, Ergodic theory of the space of measured laminations, *Int. Math. Res. Not.* **2008**, (2008), Article ID rnm126, 49 p ; Zbl 1160.37006.

It is envisaged that some of these works can be of interest to some members the community of stochastics living in the *JNM@S* space; and it would be rather remarkable if they could serve as stimulus for research by our authors.

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